

Table 7  
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TTGTCAACGGAATCTTTTATGTTTGTTCCTTTAAGCAACATTGCCTTACTTGTT  
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TGGGCGCTCTTCCGCTTCCTCGCTCACTGACTCGCTGCGCTCGGTCTGTTGGGCTGCGGGC  
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CACACTGGGCTGGCAGCAGGGGATGAGAAGCCCAGGTCAGCTCCCAGGGTGCCCACGGT  
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AGTGCTATCTTGATTTCTTCCCAGGCCGGGTTCCCTCCAGGAGTGGTGAACATTGTGCCA  
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CCCTTAAGTCCAAGCAGAAGAAGTTCTAATTCATTCTTTTCTTCTTGGTTTTTTTTTT  
TTTTTTTGAGACGGAATCTTGCTCTGTCAACCAGGCTGGAGTGCAATGGTGCGGTCTCAG  
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GATCTTTGACCATCAGTCTGTGACCTGCCCTTCTCTTTACGTAAGTAAAAGTGATTTCT  
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TCCGGTGAAAGTAAGGGACAGCTTAGGACCAGAAGCCTTTCGCGGAGAAAAGGCTGACAT  
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>SEQUENCE:3267:prostate\_MPM2000-004P1Novel007-2-Table1



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>SEQUENCE:3268:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:3269:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:3271:prostate\_MPM2000-004P1Novel007-2-Table1  
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AAGAGGCGGCGCTCAGACAGCACTCTGTTTTCTACAGTGGACACTGATGAAATACCAGCC  
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ACAGGTTCTGGATCCTGGAACAACATGCTGAACTGGGTAATAAATCTCCTAATGGAATA  
AGTGACTATCCAAAGATCAGAGTGACAGTTACCCGAGATCAGCCACGCAGAGTCCTGCCT  
TCCTTTGGTTTTACTTTGAACTCAGAAGGCTGTAATAGAAGACCAGGTGGCCGCCGCCAT  
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>SEQUENCE:3272:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTCACTATATGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTGTAGGGG  
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GGTCCTGGCTGGTGAAATGATTCTAGCCACGTGGCCCACCCAGGGGGCAAACAATAGAA  
ACCTTCAGAAATGAAACGTCACCTGGCTGCAAGAAGATAGTCCCACAGGCGCCCTAAAGA  
TGGGGATGCCAAGTGGCTTCTCGGGAAGCTGTAAGAATCCACAGGGCATTGTAAGATGGA  
GGGAAATATTAAGTTTTCTTCGTAAAGAGGTGAGGGGGGCGAGAGCAGCAAAGGACACTG  
GAAAATGAGAAGCATGGATGGGAAGTGTGCGCATTGAGTATAATTTGGAGGTAAAATCTCC  
AACACCGTAACTGAGTGGCCTGGGGACCTGATAGAAAGCCTTGCTCAGGACTAAAGCAGA  
ATTCCAGTTATATCGCAGATACAAAGAGACCAAGAACACGCTTGTAATCACAACTTA  
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>SEQUENCE:3273:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGAGGCCGGTGG  
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A  
GTCACTCAGACAGCAGTATGAGCAAGCCAGCCAGCAGCTCCGTGCCTGCACCCAGCTCAG  
GGGAATCCCAGGGGGTTTCAGATGCCCAGGAAGGAAAAGGGGACAGCGCTACTGCTATGGA  
ATGAGACCACCACTTCTCCTGTTGTCTTCCCAGCTTCTCCCCAACCTCCCCTTTTCCCT  
AGTTTATAAGACAGGAGAAAAGGGAGAAAGCAAAAAGCTGGAAAGAAACAGAAGTAAGAT  
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>SEQUENCE:3274:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGTCATGTCTTGGT  
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ACATAAACATATAAATGAGTAAGACCCGAGACCAGAATGAGGGTAATGGAGATGGAAACA  
AAAATCAAACAGAAAGAGCTTTTAAGTGAAAAATTAGATCTTATAAAAGGACCATGTAAT  
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GAGACAAGGTAACAAGATTTAATCAGGAAGAATTTAATTGTAAAATCTTATAGAAAAAT  
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>SEQUENCE:3275:prostate\_MPM2000-004P1Novel007-2-Table1

GTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGTCCACAAATG  
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CAGAGTGTGCAAGCAGAGAGAGGGTGTGGACAGAAAACCTTGCCCTTCTCCAGGGCTAGTG  
GCGAAAGCTATCTCAGGCTGGCTCAAGTGGAGAGAAAAAAGCATGAGATCAAGCAATGGA  
CAGCTGGGGAAGGGCTGGCTTTTATTTCTCAGCTCCCAAGCTCAGTCCCTGGCACTGGG  
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TAAGGTCTCAGTTCAAACGCCACCGTCTCCAAGAAGCCCTCACTGGTCACCCTATCTAAA  
GTAACCCTCACTCCTAAGGACAAACCTGTTTTTCTTCTAGCATAGACCACTCTCTGAA  
ATCACCTTGTTCTCCAGTCATCTGCTGCCCTTGGCTGTTGCGCCAGCTATAACATGGCA  
CTCTGCCTTGCCCACTGCTTTGTCCCCAAGACCCAGCCCTGTACCTCGGCCGCTCTAGAA  
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ATGTCAGAGAAAAAGCAGCCGGTAGACTTAGGTCTGTTAGAGGAAGACGACGAGTTTGAA  
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AGTAAACCTAAACTTTGACCTGCTTAAATACATTTCTAGGGCAGGAGAACCCCAGGTATG  
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>SEQUENCE:3284:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:3285:prostate\_MPM2000-004P1Novel007-2-Table1

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GGGCCCTGGAGGTAGCCAAGCTTGAGCGAAGCTCCTCGTCCAAGTCGAGCAAATCCTCCA  
TCTCCGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCT  
TATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAG  
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>SEQUENCE:3286:prostate\_MPM2000-004P1Novel007-2-Table1

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TGCTTCCGATCAGCCAC

>SEQUENCE:3287:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACGCGGGGGCT  
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>SEQUENCE:3288:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTGGATCCTGCTCCTCT  
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CCCCAGAGAGACAAAAGATACCAATTTTGGTGGATTGAAGCCATCTAATTACTTTCAAGG  
GCCAATGTCTTTCTTTTAAAAAACTATGAAAATTAATGAATTGAAGGCTGATAGGTACCC  
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>SEQUENCE:3289:prostate\_MPM2000-004P1Novel007-2-Table1

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GAGCCCACGATGATCACCCGTGTGTTCCACTGCCTCACCCCTGAGTGAACCTCACTGACC  
ATGAAAGATGGGGTAGGAAGAGGGCTCACACCTGCTGGATATCCTCACCCACCTGGGCAG  
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>SEQUENCE:3290:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:3291:prostate\_MPM2000-004P1Novel007-2-Table1

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TAGTTAGCATTTGAATGGTGCCCGTCAAGAAGGAGTCTGGTGTGTCTCAGGGAGAGGATT  
CTGATGTCCTGTCATCCACTGGGAGGGATTATGATGCTGAGAGGTATGATATCAGGGTTA  
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>SEQUENCE:3292:prostate\_MPM2000-004P1Novel007-2-Table1

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TTATATCCCCACCGCAATACTGTGGATTATCCCCCAGAAAGCTGTTTCGTTGGATTCTAGT  
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>SEQUENCE:3293:prostate\_MPM2000-004P1Novel007-2-Table1

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GCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCG  
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>SEQUENCE:3294:prostate\_MPM2000-004P1Novel007-2-Table1

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AATGCTGTGAATTCACCTGCTGGTAACCTTTGATTAAGGACTGAGAATGGTGTGGGTATCG  
CTGTCTNCTCATAAGTAATTATTTAAAAGGACTAATTGCTCCTTTGGCTTCAGAGGTA  
AATGCCACATGGCAGCCAGTTCTGTGGCAGTTTGGGGATAATGTGGTTGGATGAATAAG  
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>SEQUENCE:3295:prostate\_MPM2000-004P1Novel007-2-Table1

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CTGCAGCTGTGCTAGACCCGGCTTTAACAGGGAGCGAGAGAGCGGAAAAAGTCTCTCTCC  
TTTAAAAAATAATCTGATTTAAACCCCTTCTACCAGCGCTATCAAACTTGAATTG  
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>SEQUENCE:3296:prostate\_MPM2000-004P1Novel007-2-Table1

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TTAACTTTTGGAAATTTATTAATAATTTTTTTCTTTTTTAATGATATGCCCATAGGTTTCAT  
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>SEQUENCE:3301:prostate\_MPM2000-004P1Novel007-2-Table1

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ATGGAATCTGGTTCTGGAGCTGGGCAGGGCTTCCACTGGGCTCTGCAGGCCTGGGCGGG  
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>SEQUENCE:3302:prostate\_MPM2000-004P1Novel007-2-Table1  
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CAGGCTCAGACCTGGAGTGCCGTGCCACCTTCTCCTGGCCCAGCTGGAGCACTCGGAAC  
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TTTTAATAATCAGTTTCCACTGATGATATGAAGGGCCGGTATAAAGAAGTCTTTAAATGA  
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GACAAACGCATGC  
>SEQUENCE:3307:prostate\_MPM2000-004P1Novel007-2-Table1  
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AGGCAGCAATGATCAGCCCGATTTTAAAGAGGAAGCTTAGCTATGCCTCTCCTCCAGAAC  
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GATGTTAGCTCCTAAGTTTGTGAAGCAAATCCATCAAGAAAATCATATAAGAAAAACAGC  
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>SEQUENCE:3309:prostate\_MPM2000-004P1Novel007-2-Table1  
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TTCCGAGACTGATAGCAAGGAGGCCTCATCTGAAAGTTCTGGTCATAAACGAATCTTCC  
AGTTGGGG  
>SEQUENCE:3310:prostate\_MPM2000-004P1Novel007-2-Table1  
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GGCCGAGGAGAAGCGCGAGGGCTACGAGCGTCTCCTGAAGATGCAAACCGAGCGTGCGG  
G  
CCGCTCTAGAACTAGTGGATCCCCCGGCCTGCAGGAATTCGATATCAAGCTTATCGATAC  
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CGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAA  
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GCTA  
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GCACGCAGTGGGGGGCGGGGCTTACAGAACGTATTTTTCGATTGATCCACAGGAAATAGAC  
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>SEQUENCE:3313:prostate\_MPM2000-004P1Novel007-2-Table1  
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CCTCAGACTCCTGAGTAGCTGGGATTACAGATGCGGGGCCACACACCTGGCTGTACTTCA  
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>SEQUENCE:3314:prostate\_MPM2000-004P1Novel007-2-Table1

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CACTACTTAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTCCCT  
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TCACTGCATAGGGAGGCATATGGACTGGCCTGGGGTCTCCCGGCTCATGTTCCAAGCAAG  
AATAGGGTAAGTAACTGTGAATTACCCTACAAGCAGTAATAAGTTTATTATAATAATATT  
TTTATACATTTTTGGATGCACCCAACCCACTCTAAAGAATGTCAGTGACTTTATACAAAA  
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>SEQUENCE:3315:prostate\_MPM2000-004P1Novel007-2-Table1

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AACCGCCTCTCGCGCCGGTCCTGGCCGAGGCTCCAGCTCGAGTTGTTTGCAGGCCCTCAG  
ACCCCCGCCCCGAGTAAACGTGTTTTCTTCATCCCCGTGGCAGGCCGTCTACTTTTTAAA  
AATCCCGCGTACCTGCCCGGGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGA  
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GTT

>SEQUENCE:3316:prostate\_MPM2000-004P1Novel007-2-Table1

CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTCTGTGATTTT  
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GGGCAAATGGCTGCCAGCATAACAAAATAAGAAGGAAAGAAAAGTGGGCCAGGCGC  
AGTGGCTCACTCCTGTAATCCCCCTGATTAATCTGCGCGAACAGTGCTGAGCGGGAAGCA  
GACTCATCTGAGCCTGAACTGGTAGAGACTGGGGGAGGAGGGGGGCCTGGTGGAGGGGG  
A  
GGAGGACCTGATCCGGCAGAGGGTCCAGATGGCAGTCCGCTCCCCGCGTACCTGCCCGG  
G

CGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGA  
TACCGTCGACCTCGAGGGGGGGGCCCGG

>SEQUENCE:3317:prostate\_MPM2000-004P1Novel007-2-Table1

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTAT  
TTTACCTATGACCCGTGGATTGGCAAGTTATTGTATCTTGAGGACTTCTTCGTGATGAGT  
GATTATAGAGGCTTTGGCATAGGATCAGAAATTCTGAAGAATCTAAGCCAGGTTGCAATG  
AGGTGTCGC

>SEQUENCE:3318:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTCATATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTCCGGGCAGGTACGC  
GGGGCGTCGGGACCCTACCTGACCCATCAGCAAAAGGTGTTGCGGCTTTATAAGCGGGCG  
CTACGCCACCTCGAGTCGTGGTGCGTCCAGAGAGACAAATAACCGATACTTTGCTTGTTTG  
ATGAGAGCCC

>SEQUENCE:3319:prostate\_MPM2000-004P1Novel007-2-Table1

CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCACTGGCAT  
CGTGATGGACTCCGGTGACGGGGTCACCCACACTGTGCCCATCTACGAGGGGTATGCCCT  
CCCCCATGCCATCCTGCGTCTGGACCTGGCTGGCCGGGACCTGACCGACTACCTCATGAA  
GATCCTCACTGAGCGAGGGCTCCAGCTTTTACCACCACGGTCCGCTTTAGAACTAGTGAG  
ATCCCCCGGTGCTGCAGGGAATTCGATATTCAAGCTTATTCGATACCCGTGGAACCTCG  
AGGGGGGGGTCCCGGTAACCTCAGACTTTTTGGTTCCCTTTTGTGAAGGGGTTTAATTG  
CGTCGCTTGTGCGTATATCATTGGTCATAAGCTTGTTCCTG

>SEQUENCE:3320:prostate\_MPM2000-004P1Novel007-2-Table1

CGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTGTGCTGAGA  
AATGGGCCCTTGCCAGATGCTCCCTCTCCTTCTCTGCGAGGCAGAAGTCAGAAGG  
TAGAGATTGCTGGCAAACTGTGAAGTCCCACCTGGGGTCTCAACCCCAACTCCACTGA  
GGGCAGTCTCCCTGACCTGGTGTGACCTAGGCAGTTAAAGGGTGTGCGGTTGATGG

>SEQUENCE:3321:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTC  
TTGTGAGAGAAGTTACATGTTTATTGTTAAGGAAATTATATGTAAATCACAAAGATCATG  
GTCTGTGAATAATGTGCCATATCTCACAAATATGGTCATTGGAATCTTATTAATAATTAT

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CTACAGGTGACTTCAGTTTTCAATTTCTTCACCCCTTTGCCTTAAGATACCAAAGCCTTG  
GACATGACCACAATCCCAAGTCAGTCATAGGGCTCCTTCTATGATGGGCGGAGATATCTT  
CAAGTTCCTGGCTTCATAG

>SEQUENCE:3322:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTGACTTTA  
ACTTGCTCTGACTGAATGCTTTCTGGATGGAACCCTGTATACCACTTTTATCTGATTTGG  
AGATGAGACACTATGAAATGTGACTCCACAAGCTTTCTGCTGCTTGCTGTGTCTTGATAA  
CATTAATGCTATGTTTAAAAAAAACAATTGCTTAAATGAACCTAAAGGGCCCTTGGCAA  
GAAGGAATGCCATTCTCCAGACCCTGTGTGCGCATTGCGAAGCTTTAAGTGTAAGGGC  
TTATTCTTGGTGCTA

>SEQUENCE:3323:prostate\_MPM2000-004P1Novel007-2-Table1

ATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTCCCTAATGAATGGTTATGC  
AGGCAGGAGAACTTCTCAGGAAGAGAAAAGGAGAAAGACTAACTCTACAGAGATTTTTGAA  
AGACTCCGTGGGATCTCAGCAATTTGTTAACACTGCTAGGGCCCTTCACTGCATAGGGAG  
GGCATTGGACTGCCATGGGTCTCCAGGCTCATGTTCCAAGCAAGAATAGGGTAAGTAACT  
GCGAATTACCCTACAAGCAGTAATAAGTTTATTATAATAATTTTTATACATTTTTGGA  
TGCACCCAACCCACTCTAAAGAATGTCAGTGACTTTATACAAAAGAGGAAGCATCTAGAT  
TGGCATTGTGAACATAATGCATAGGGGCGCGGGCGGGAGCTCTAGAGCCTAGTGGTTAAAA  
CCGTGGCCTCTGGAATATGACT

>SEQUENCE:3324:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTCTTGTGAG  
AGAAGTTACATGTTCAATTGTTAAGGAAATTATATGTAAATCACAAAGATCATGGTCTGTG  
AATAATGTGCCATATCTCACAAAATATGGTCATTGGAATCTTATTAATTAATTATCTACAGG  
TGACT

>SEQUENCE:3325:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTCACTATATGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTGAGTGAGGCGTC  
GGCTGTGTTTCTCACCGCGGTCTTTTCTCCACTCTTGGCTGGTTGGACCCCGCTATGG  
AAAAGTTGGCCCCTGAGCCAGAGCTCCAGCAGCCTTGTTAGGGACGTGGCCTGAGGTCTT  
GGATAA

>SEQUENCE:3326:prostate\_MPM2000-004P1Novel007-2-Table1

CACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGTATTAAGGC  
CTATCATTCTGGTGAAGGACATATGCCCTTTAGAACTGGAAGTGGTGGCATTGCAACTTG  
TTACAGTCCACGGACTTCAACTGAATCTTTTGCTCCACGGGATTCAAGTGGGACTGGCACC  
CCAGGATAGCCAGGCCAGGTACCATTTTAAGTAATGGGACCAACATGATTATGAGCCCCA  
GAGATGCCTACCATGGAGCCAGAAGGGGGTCTTGATGACAGTGTGAGAGTCACTTTTTT  
GATTGCCCGTGAAGCACATAGTTGATGAAGAATCCA

>SEQUENCE:3327:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGTTTTCTT  
TTCGCCATCTTTTGTCTTTCCGTGGAGCTGTCGCCATGAAGGTGAGCTGTGCAGTTTTA  
GCGGGTACGCGGGTGAAGATCCTCACCGAGCGCGGCTACAGCTTCACCACCACGGCCGCT  
CTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATAAAGCTTATCGATACCGTCG  
ACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGC  
TTGGCGTAATCATGGTCATAGCTGTTTCTGTGTGAAATTGTTATCCGCTCACAATTCCA  
CACAAACATACGAGCCGGGAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTAA  
CTCACATTAATTGCGTTGCGCTCACTGCCCGCTTCCAGTCGGGAAACCTGTCGTGCCAG  
CTGCATTAATG

>SEQUENCE:3328:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCAGGGAGCCACA  
CTTCAGGTGCCAGTGTCCACACTGACTAGTGGTGACTGCGTTGGACAGTGCAGATACAG  
AACATTTCTGTCATCACAGAAAGTTCCTTTGGACAGAGCCATGTTAAGTGATGTTATCAC  
AAGATGGACAGAAACATTCCTGTTTGATTTATTTTTTACAGACCCAGTTTGTGGAGAAAAA  
TAATGATGCTTTACATATGTCTCTTGAATCCTTAATATGTGAATCCAGAGATAAGTTTAT  
ACGGGAATTATTTGAATCATCCACAAATAACAACAAAGATACTAAACAAAAAGCAGGAAA  
ACTTAGCTTCATCAGCGTGGGAAACAAGTTTAAGACACAGTTAAATTTGCTTCTGGATAA  
ACTTCGAAGTACCTGCCCGGGCGGGCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGA  
ATT



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&gt;SEQUENCE:3329:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGTGGCCGTGGCTCACGTGGC  
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CCCGCGTACCTGCCCGGGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATT  
CGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGAACCCAGCTTTTGT  
CCCTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGT  
GAAATTGTTATCCGCTCACAATTCCACACAACATACGAGCCGGGAGCATAAAGTGTAAG  
CCTGGGGTGCTAATGAGTGAGCTAACTCACATTAATTGCGTTGCGCTCACTGCCCGCTT  
TCCAGTCGGGAAACCTGTCGTGCCAGCTGCATTAATGAATCGGCCAACGCGCGGGGAGAG  
GCGGTTTG

&gt;SEQUENCE:3330:prostate\_MPM2000-004P1Novel007-2-Table1

GGAGCTCCCCGCGGTGGCGGCCGAGGTACAGGGTTGGCGCTCTGTTACCCGATTGCTTTC  
CAGCTGTGTCTGGTTCCCATTCATGCTGCCTCCAGCAACGGATAAGTATACGGCAGCACC  
TCCTTATTTGAGTGCAAATGTCTGGTTGTAATAGAGGTAGATGATTCTTGGTGTGGTGCC  
GTGGTCATTGTCCGTTTGTGTCATGGTAACATGTTATCCGACGTACGGCCGAGGTACTCC  
TTCAGCCGCTGCACGTTGGCCTGCAGGGACTCCGTGGACTTGTTCCGCCTCCTCGGATCC  
ACAGAAATGCCGATGGTCCGGGGCCACCTTCTTGTGAATGCCGGCCACCCTGAGCTCCTCC  
AGGCTGAAGCCGCGGGCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATAT  
CAAGCTT

&gt;SEQUENCE:3331:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTT  
TTTTTTTTTTTTGGGTTTGAAGTGAAGACCTTAATGCCAAGAAACAACCCCCATAGCAAG  
ACCTGGGCACAGAGGGACCTACAAAGGCAACGGCCCCAGTGCCAGGGACTGAGCTTGGA  
G  
CTGAGGAAATAAAAAGCCAGCCCTTCCCCAGCTGTCCATTGCTTGATCTCATGCTTTTTT  
CTCTCCACTTGAGCCAGCCTGAGATAGCTTTCGCCACTAGCCCTGGAGAAAGCAAGGTTT  
TCTGTCCACACCCTCTCTGCTTGACACTCTGGGCCTTCTTAGCTTGATCCTCTTCC  
TGTCCAGCAGCTGAGGGTCCATCGTAGCTGCAAACATTTGTGGACGGCCGCTCTAGAACT  
AGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCAACCTCGAG  
GGGGGGCCCGGTTCCCAACTTTTGT

&gt;SEQUENCE:3332:prostate\_MPM2000-004P1Novel007-2-Table1

TCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTTT  
TTTTTTTTTCTTCTTTGGTTTTCTCTCCTGTGTTTTTTGTTTGGTTGGCAGCTCATG  
GATGTCCACACCTCTTCCCTGTAAGTTTGAAACGATATAATGCCCTTCTCATATCCTGCT  
CGTCCATTTGATCTTTTTGGGATAATGATTCTGTCTTCCAGCATCCCCAAATGAGATC  
AGCACACTCTCAAAGATCTCGGCCAAGTCATTAATAAAAAGCCCTGAACAGAACAGGCCA  
AAGGAGGTCATCACAAAGTTGCAGGGGAGATTCATACCACAGCAGAGCAGCCTGAGCCAGC  
CGGAGTCCAGGAGAGCCAGTTGGGGTGACCTGGGAGCCAGAACCAAGGTCAGGCATCAGA  
GGGGCTGGGCACATGGGGAAGATACAGGCTGCATCCCTGGGGACTGGGGACACCAAGTT  
G  
GAGAGACGTGATTCAGGGTGCAG

&gt;SEQUENCE:3333:prostate\_MPM2000-004P1Novel007-2-Table1

TCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTGGGCCACCACCTCTCTCGCCTGCTGA  
G  
TGCCTTGCTTTCCATGACATTTCCCCTTCAAGCACCAACACATTTTTCTGGTGATACCCA  
AAAAACATATTATCCAGATTTCTGGGGCAGAAGATGATGATGAAAGTCTTCTTTGGGAC  
ACTTTAATGAATTGGTTGGCAAGAAAATGT

&gt;SEQUENCE:3334:prostate\_MPM2000-004P1Novel007-2-Table1

ACTCACTATAGGGCGAATTGGAGCTCCATCGCGGTGGCGGCCGAGGTACTGACAGAAGTC  
TACATAAGGGACAGCAGGGGAACAAAAAAGGCACAGTCAAACATCTTTGACTGCAATT  
TGGAGAACTTTAAACAAGGATTATCCTTTCTACAGGCATACTGAAATTTTCTTT

&gt;SEQUENCE:3335:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTTTTT  
GTTTATTTTTCTTTTTTTTATTTCCACATTTTGAATAGCATCCCCTTTTCCCTGGTCTG  
TAGGGATTTGCCTGAGAAATCTGTTGATATTCTTATGGAAGTTCCATTGTATGTGATGAA  
TTACTTTTTCTTGTTGTTTTCAAATTCTCTCCGTATTTGACTTCTGAAAGTTTGATAAT

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AATGTGGCTTGGTGAAGACTTTTTGTGTTTGGCGTTCTTTGGGCTTTATTAATCTGATT  
GTTCAATTTCTCTCCCAGATTTGGGAAGTTTTCTGTCATTATTTCTTTAATCTTTCTGACC  
ATCTCTTTTTCTCTGAGAATACTATAATGTGCATACTTATACACTTGATACCCCGCGTAC  
TTTTTTTTTTTTTTTTTATTTTtaggtcttCAACTAAACAGCGGAAGAGGTGATTTAT  
TATA

>SEQUENCE:3336:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTAAGTACTGACATGCACTGA  
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GCTGTGATTCTCACACGGGCTGTAGGGACAGGGACTGTGATTCTTAGCTCATGGTCTCC  
GAAGAGGAAGGGCAATCCAAGGGTGGTGTCTTCTTGCCTTTCTTCTATCATCCATTAGCAG  
TGTGTGATGATAACAGAGGCTAACGATTCATAACTTTATAGCCCTTATGCCAAATTTTAA  
CATCTAGCAGAGATAAATATTAAGCCACTTTACCAATGAATCTAAACAATAATGTATGTT  
GACAATTCTGAAGCCATTCTAATTACATTTTACGAATACTTTTAAACTAGCTTATTTA  
TTAAAAATTTACTTAAGTCACATAAACTTGAAAAAGCATTGGCTCAAAGTCTGTTTTT  
TTCTGATAAAGTGTTTGA

>SEQUENCE:3337:prostate\_MPM2000-004P1Novel007-2-Table1

CGTAATACTACTATAGGCCAAATGGAACCTCCACCGCGGTGGCGGCCGAGGTAAGTAAA  
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GGCACCTGAGCAGTCCACCGAGGAAGTGGGTCTTATTTGAAGCAATTTGGCTAGGAGGA  
ATAGTATGCAGCACGGTTCTGAGTCTGTGGGATAGCTGCCATGAAGTAACCTGAAGGAGG  
TGCTGGCTGGTAGGGGTTGATTACAGGGTTGGGAACAGCTCGTACCGCGGCCGCTCTAGA  
ACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTC  
GAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGC  
GTAATCATGGTCATAGCTGTTTCTGTGTTGAAATTGTTA

>SEQUENCE:3338:prostate\_MPM2000-004P1Novel007-2-Table1

CCACCGCGGTGGCGGCCCGCCCGGGCAGGTACGCGGGATAGTCAGTTTGTGTTTGAAGGCTAG  
TAAAAAGATATTTTCTAAATAGATGGGAGTTGGCATATAAACAAAATACGTTTTTTAAC  
TAATGACAGTCCATTGAATTCGGA

>SEQUENCE:3339:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTAAGTACTCATTTCCTTG  
AAGTGCCAACATGATTTATCCAAATCTGAGGAAGAGAAGAACTAAAAAAGGATTATTC  
AAATTTTAGATTTGTAGGGAAATAATGTTTTCACTTATCTCATTGTTCCCAAATGC  
TAGCTTAAACCAAGCCAAGCAGTGGCATAAGATAATAGACCCAAAATCAGTTTATATTCC  
AGCAGGATAATAGATGAGCCACAGCTGGATGTTCTCCATTACTCATCCATGAACAAACA  
TGCACTGAGTACAGTGTGGCCGTGGTGCCACGGGCAGCTTCTGCAGAACATCCTCATCC  
TTCAGGGACTTGCCCTTGGGGTCCAGGCGGAGGGACTGGCGGGCGGGGTACCTGCCCGG  
G

CGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGA  
TACC

>SEQUENCE:3340:prostate\_MPM2000-004P1Novel007-2-Table1

TATTTATAAGTTGAGGGCGCCTATACGACTCATATAGGGCGAATTGGAGCTCCACCGCGG  
TGCGCGGCCCGCCCGGGCAGGTACCAGACCCGACAGGACCAGTGCATCTATAACACCACCTA  
CCTGAATGTCCAGCGGGAAATGGGACCATCTCCAGATACGTGGGAGGCCAAGAGCATT  
CGCTCACTTGCTGATCCTCAGGGACACCAAGACCTACATGCTTTGCTTTTGACGTGAA

>SEQUENCE:3341:prostate\_MPM2000-004P1Novel007-2-Table1

ATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCCGCCCGGGCAGGTAC  
TTTTTAGCAGAGACATGGTTTCACCACTGATTCATTCTTGCCTTAGTCTCAGAGATCTC  
AGACAGAAGCTGTGACCTTCTTGGCTAACCATGATGACAGTCGGGCCCTCTATGCCATCC  
CAGGTGAGTAGTTAGCATTGGAATGGTGCCCGTCAAGAAGGAGTCTGGTGTGTCTCAGGG  
AGAGGATTCTGATGTCCTGTCATCCACTGGGAGGGATTATGATGCTGAGAGGTATGATAT  
CAGGGTTATCCATACTGGAACAAGGCCAGTTAATGTTTCTTCTCAACCCCATCTCTCTC  
CTCTCCTGTGAGTTTCACCACTGTCTTTTGCATCTCTGTGCCAGGCTTGGACTATGTTAG  
CCATGAAGACATCCTCCCCTACACCTTCACTGATCAGGTTCCCAT

>SEQUENCE:3342:prostate\_MPM2000-004P1Novel007-2-Table1

GACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCCGCCCGGGCAGGACTTGG  
G

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ACAGTTACAGGCATGCTGCTATTGCCATGATCTTCGGGAAGCTGAAGTGATGAGCAGCAG  
TGTGTGATTCTGAGGACACAGAGGGCTGGGGTCTAGGAGCTATCTCAGGTGGGCTCAGTC  
AGTGCCATCCTCCCGTTTGGTGCCTCCCTAGAAGTGCTGAGAAGATGCAAAACCAAAAGC  
TTTTACTCCAACATTGCTTAGCCAAGCTAAGCACATGCATTCCCTATGATTCAGCAATTC  
TGCTCCTAGCATGTATCCCAGAGAATTGTCCCATGGGTCCATAGGGGCATATAAGAATGG  
CCATTGCAGCAAAGTTCTGGTTGGGGTAGGGGGAGCTGAAAGTCATCTGGTGTCCACAAC  
TGGAGGAATGGATGGATAAAATGGGATGGATGCACAAGTGGGCA

>SEQUENCE:3343:prostate\_MPM2000-004P1Novel007-2-Table1

GGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGTGGGAGATACCTCCC  
C

AGTGTCCCCAGGCAGTCTAATGATAGAGACACCTTGACGACCACAGGCATTATTATGAGA  
GACACACTTTGCCAAACCCAGGCAGTCTAATGCTAGAGACAATTGGGCGACAAGCATTCT  
AGCGGGAAAAATTCCCGGCTGACCCCAAGCATTGTAATAAAAGAAAAGCCTGAGTGATCC  
CAGCCATTTTCATGGGAGAGACTTTTGTTCGACCCCAAGGCATTTCTTATGGGAGGGACTA  
CTGGCCAACACCAGACAGTCTAATAAAAAAGACATGTAGATGACCCCATGCATTCTTTTT  
TTTTTCACACTTTAAATACTTTATTTATATAAAAACTAATTTGTTTTT

>SEQUENCE:3344:prostate\_MPM2000-004P1Novel007-2-Table1

GTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTN  
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AAAGTCATCAACATTCATATTACAGCAATGCTTTTTCTTTCTGCCCAATTAGCACCAAT  
ATAAATCGTTTATTCCATCTAAGGCCCTGTATTACTTCAGGGAATATAAATCTAAGTCCC  
GGCCAGGTGCAGTGGCTTACGCCTGTAATCCCAGCACCGTGGGAGGCTGAGGCTGAAGGA  
TCACAAGGTCAAGCGTTTGAGACCATCCTGACCAACGTGGTGAAACCCCATCTCTACTGG  
GAATACAAAATTAGTCGGGTGTGGTGTACACGCCTGTAGTCACAGCTGCTCGGGAGGC  
TGAGGCAGGAGAATCACTTGAATCCGGGAGGCGGAGGTTGCAGGGATCCGAGATCGCCTC  
ACTGCACTCCAGCCTGGGCAAGAGACCGAGACTCCCTCAACTCAAATTAATAATGTAACC  
GTCTTAAACACGAACATTGCTCCTGAATGCCACATGCATGAAAAACCGGGTATGCACTG  
GATTGG

>SEQUENCE:3345:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACAATTTG  
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ATTAAGGCAGGTCAGAGGACTGTAATGATAGAATTAAATTAGTGTCATAAAAACTGTCC  
CAAAGTGCTGCTTCTAATAGGAATTCATTAACCTAAAACAAGATGTTACTATTATATCG  
ATAGACTATGAATGCTATTTCTAGAAAAAGTCTAGTGCCAAATTTGTCTTATTAAATAAA  
AACAATGTAGGAGCAGCTTTTCTTCTAGTTTGATGTCAATTAAGAATTACTAACACAGTG  
GCAGTGTTAGATGAAGATGCTGTCTACAAGGTAGATAATACTGTTTGATACTCAAAC  
ATTTTTCATTTTGTTTAAAGTAGAAGTTACATAATTCTATATTTTAAGTCTTGGGTAAAA  
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ACTTCCTTTTTTTG

>SEQUENCE:3346:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTCGAAGT  
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TTTCCTGCTTTTGTGTTAGTATCTTGTGTTATTTGTGGATGATTCAAATAATTCCCGT  
ATAAACTTATCTCTGGATTCACATATTAAGGATTCAAGAGACATATGTAAAGCATCATT  
TTTTCTCCACAACTGGGTCTGAAAAATAAATCAAACAGGAATGTTTCTGTCCATCTTG  
TGATAACATCACTTAACATGGCTCTGTCCAAAGGAACTTTCTGTGATGACAGAAATGTT  
TGTATCTGCACTGTCCAACGCAGTCACCACTAGTCAGTGTCCCCGCGTACCTGCCCGGGC  
GGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGAT  
ACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAAT  
TGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCAC  
AATTCCACACAACATACGAGCCGGGAGCATAAAGTGTAAGCCTGGGGTGCCCTAATGAG  
TGAGCTAACTCACATTAATTGCGTTGCGCTCACTGCCCG

>SEQUENCE:3347:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACTGC  
AAAAATCACCTTGGCAAAAACAATGTTTTGACCTGCCCGAAGGGATTAATACGGTTTAC  
TGCTCAATTTTTTTTCCAAGGGGTCCATGGCCATTCAACTCAACAATCAAACCAAAGCCAA



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AGACATATTGGCAAATTTCAATATGAAAACAGAATACTGCACTGGCAGCGAGCTGCACT  
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>SEQUENCE:3348:prostate\_MPM2000-004P1Novel007-2-Table1  
TTGGAGCTCACCGCGGTGGCGGCCGTGCAGACCTCCTGTGTGCCCTGTTCTTCTTGTTAT  
CTTTCCTTGGCTACTGTAAAGCATTTAGAGAAAGTAACAAGGAGGGAGCGCATTCTTCCA  
CCTTCTGGGTGCTGCTGAGTATCTTCTGGGAGCAGTGGCCATGCTGTGCAAAGAGCAAG  
GGATCACTGTGCTGGGTTTAAATGCGGTATTTGACATCTTAGTGATAGGCAAATTCAATG  
TTCTGGAAATTGTCCAGAAGGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTG  
CAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAG  
CTTTTGTTCCTTTAGT  
>SEQUENCE:3349:prostate\_MPM2000-004P1Novel007-2-Table1  
GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTAGGTTGGCA  
CACAATGGGATCTGGGCTTCCAGCAGAGGTAGGAGGCTCAGGACTGTAAGAACCCAGGAC  
AGCGCCATACTGAGACCAGGAGGCACGTGGAGCCAGGCAGTGCTCCCCGCGTACTACTCG  
ATTGTCAACGTCAAGGAGTCGCAGGTCGCCTGGTTCTAGGAATAATGGGGGAAGTATGTA  
GGAGTTGAAGATTAGTCCGCCGTAGTCGGTGTACCTGCCCGGGCGGCCGCTCTAGAACTA  
GTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGG  
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>SEQUENCE:3350:prostate\_MPM2000-004P1Novel007-2-Table1  
GCGCGTTATACGACTCACTTAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTAC  
GCGGGAACAGGAGCCCACTGAGAGGCCCTGAAAGGGATCCAGAGTCGCCTGCGGAAGA  
A  
GCGCCGGGAGGAGGGTCCCGCCGAGACTGTGGGCTCCGAGGCCAGTGACACTGTGGAGG  
G  
CGTCCTGCCCAGTAAGCAGGAGCCCGAGAACGATCAGGGGGTTGTGTCCAGGCTGGGAA  
AGATGACAGAGAGAGTAAGTTGGAGGGAAAGGCGGCTCAGGACATCAAAGATGAGGAGCC  
TGGAGACTTGGGCCGACCGAAGCCTGAATGTGAGGGTTACGACCCCAACGCCCTGTTTTG  
CATTT  
>SEQUENCE:3351:prostate\_MPM2000-004P1Novel007-2-Table1  
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TGTTCTTCTTGTATCTTTCCTTGGCTACTGTAAAGCATTTAGAGAAAGTAACAAGGAGG  
GAGCGCATTCTTCCACCTTCTGGGTGCTGCTGAGTATCTTCTGGGAGCAGTGGCCATGC  
TGTGCAAAGAGCAAGGGATCACTGTGCTGGGTTTAAATGCGGTATTTGACATCTTAGTGA  
TAGGCAAATTCAATGTTCTGGAAATTGTCCAGAAGGTACCTCGGCCGCTCTAGAACTAGT  
GGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGG  
GGGCCCGGTACCCAGCTTTTGTTCCTTTAGT  
>SEQUENCE:3352:prostate\_MPM2000-004P1Novel007-2-Table1  
TTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACCGCCACGTTACGCGGTCCG  
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AGGTTTGCCAGGATGGAGGCAGCGGCGGCGCAGAGTCGTTTCTCCAGCCCCGCGGGGA  
C  
TCGGTTGGCGGGCAAATTCGTGTCCAGCTCCAGGAACGGCATGGCGGGCAGAGGAACGGA  
AACAGCTCTCCCCGCGTACAGCTGATTTGCCATTTAGAGTGAAAAGGCTGCACTGTCTC  
ACCCTGCCCCCAAAGTCTAACCTATCTATTTAACTGGTATTGGTAAAACTATTTTG  
CAATTCCTTGCCGAAAGGAATCAAACGGATCCCTTTAACATGTACCTCGGCCGCTCTAGA  
ACTAGTGGATCCCCCGGG  
>SEQUENCE:3353:prostate\_MPM2000-004P1Novel007-2-Table1  
GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGGTGGTAGA  
TGAAGAAGGGGACCAACAACATCAAGAAGGAAAAAGACTTCGGAGGGTAGCTTGCACTG  
TCCCAACTGTAAAGAAGGTGGTGGAAAGAGGTACTGCCTTCTGTGACTGGGTGGCACCTCC  
AGGGCACATTTACACAAGGCCCTGAATCTGCAGAGGCTGTTTCTCAAGATGCCCGTCATG  
GTGTGGCCTGGGCCAGCTCTGGCTTCCACAGGTCCCTGACTGTCCTCAGAGTGGAACATG  
CTCAACCTCCCGCCCACTGCTCTCTCTGCCAGATTTAGGGGTGCCGTTCCCAAGG  
CCTGCCCCCTTCTTTAAGACTGAACT  
>SEQUENCE:3354:prostate\_MPM2000-004P1Novel007-2-Table1

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GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGGGGC  
G

CCATTTTGTAGAGAAACAAGCGGAGTTAACCGAAGAGGGGGTTCGAGGAGAGCCGGAGTCG  
GGGACCCAGGAGTTTCTGTGTCCAGCGCTGCTGGAGCCGCCTGAGGTGCCATGTTTCAG  
AACAGAGTAAGACCCCTGGTAAAGAAGAACTGAAGATATTATACAGATACCAGATATAGC  
CTAATTACAAAGAAAGCATTAACTGCCTCTGAGGTGACTAAAGGGGAATAATGGTGATT  
TTGCGCCGGGCTCGGCCGCTCTAGAAGTAGTGGATCCCCCGGGCTGCAGGAATTCGATAT  
CAAGCTTATCGATACCGTCGACCTCGAGGGGGGG

>SEQUENCE:3355:prostate\_MPM2000-004P1Novel007-2-Table1

AGGGCGAATTGGAGCTCCACGCGGTGGCGGCCGCCCGGGCAGGTACGCGGGGCACCGGT  
GA

AGGCAGGTGCGGTAAGTCCGCACTGGACCCTAGGAAGCCCCAGGTATTCGCAATCTGAC  
CTCCTCCTGTCTGTTTCCCTTCACGGATCAATTCTCACTTAAGAGGCCAATAAACAACCC  
AACATGAAAAGGTGACAAGCCTGGGTTTCTCCCAGGATAGGTGAAAGGGTTAAAATGAGT  
AAAGCAGTTGAGCAAACACCAACCCGAGCTTCGGGCGCAGAATTCTTCACCTTCTCTTCC  
CCTTTCCATCTCCTTTCCCGCGGAAACAACGCTTCCCTTCTGGTGTGTCTGTTGATCTG  
TGTTTTCAATTACATCTCTTAGACTC

>SEQUENCE:3356:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTAC  
GCGGGGGCTGATGCCATTTTCAGCCTCAGCACGCCTGCACCCAGGCGCTCATTAAAACAG  
CATGTTGCTCCCCACTGCCTCGTGTTGTCTGTTGGCGCGCTGTGCGGGTTNAACCGATAC  
AAGAACCTTCCACCTACCTGGTGCTTTGGCCTCATCTATAAGCAGCTTTTCCACTGTCT  
GAAACAAGATAGAGAATCTGAGCGGCCAGTCATCTGCCCTAAGTGCTGCCGCCGAAGACT  
GAATGTCCTGGAAAGTTTGCTGTACATCTCCATTATGACAAAAGCATTGTGCCGAACAG  
ATGAAAAAATGCATTGTCAACGGAATCTTTTATGTTTGTCTTCTTTAAGCAACAT  
TGCTTACTTGTTATAAAAGATAAATAAATATTTGTTCAATTCAAAANAAACAAACGCAC  
AAAGAGGTACCTCGGCCGCTCTAGAAGTAGTGGATCCCCCGGGCTGCAGGAATTCGATAT  
CAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTT  
AGTGAGGGTTAATTG

>SEQUENCE:3357:prostate\_MPM2000-004P1Novel007-2-Table1

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTTG  
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TAAGAAAGTAACTCAGAGCCAGGGACTTGGCCCATGTTAAACCCCAAGCACTACAGCTG  
GCTTTTACTCAACCCGTGGAAACTGACCAGGGGTATAGAGCCTGATATATCTTCTTAGGTG  
AAGGTGAGACACCAGACCTAAATCTGTCATCTCAAGAGTAGAAGGATGAACCACACATAC  
AAACCCATCACAGATGAATGCAAATAAAAAAGTCAGCTCCGAAGTTGGGTTCTGAGCAGT  
GTAGATTCTACTGCTAAGGCTTGGACTACAAGCC

>SEQUENCE:3358:prostate\_MPM2000-004P1Novel007-2-Table1

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGGGGC  
G

CCATTTTGTAGAGAAACAAGCGGAGTTAACCGAAGAGGGGGTTCGAGGAGAGCCGGAGTCG  
GGGACCCAGGAGTTTCTGTGTCCAGCGCTGCTGGAGCCGCCTGAGGTGCCATGTTTCAG  
AACAGAGTAAGACCCCTGGTAAAGAAGAACTGAAGATATTATACAGATACCAGATATAGC  
CTAATTACAAAGAAAGCATTAACTGCCTCTGAGGTGACTAAAGGGGAATAATGGTGATT  
TTGCGCCGGGCTCGGCCGCTCTAGAAGTAGTGGATCCCCCGGGCTGCAGGAATTCGATAT  
CAAGCTTATCGATACCGTCGACCTCGAGGGGGGG

>SEQUENCE:3359:prostate\_MPM2000-004P1Novel007-2-Table1

TTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTTTTTTTTTTTTTTTTTTTT  
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TAATATATGTTCTAAAAAAATTTATCGTCTAGTAGTGATGTCTTCATGTTTCACCCA  
GCTGTCTCATAGGCATGACTAAGCATCTATTTTCATCACCTGGCTCTGGATGCCTCCTCTC  
TTTACCATTGGTGAAAGGCATTTGCTGATTCTTTTGATATACCTGAAGTATTGATGCTA  
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GATTATGGT

>SEQUENCE:3360:prostate\_MPM2000-004P1Novel007-2-Table1

CGCGTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACA

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AGCCGTCCACTGCAGGAATGACGTGCTGTAAAAGGGATGCAGTGTCAAGTGTAGTCATGG  
ATGGGTGGGAAGACCAGACAAAGGCATCCAATGGGACTGACTTACCTAAACAAACCAGAA  
GGAAGTCAGAACAGTGGGAAGATCTGATAGATAAGCAGTATTCTGCAGGCAGATGAAGGA  
GCAAGCTTTGGGCCCCCAAATCTTCACCAGTGCATCCACATTACAGAGGATAATGCCTGA  
GGGAGGGGAAGATCATCTCAGGATTCTGGAACACTGGGCCCTCCCTTTCTTATTCCAAAA  
GGCTGGAGCAGTTCTGCATGTAGGCTTCTCTGGAAATGGTCTAGGA

>SEQUENCE:3361:prostate\_MPM2000-004P1Novel007-2-Table1

CGCGTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACC  
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CAGGGTTCTGCACATTACAGTTACGGGTGGCCCTGGGAGTAACACCTGGCACCCAAAC  
AGGTCACCAGAGTCCACACATAGTCCACCTGCCCTCCCTGCGTAAGATCAGCTCTTCCTC  
CTCCCGACGAATAGATCAGGGTCAATGATCCCTGCCAAGATGGCGACTGCTCCAGCCTGC  
TGGTCCAACCTGTCCAGCCACAGCTGTTGCTCGAAGGCTTGAAGTTCAATGGGACCCTCT  
CCCGCTTTCTACANACTGGTTCCTTTATTTTTATGTTTTATTTATTTGGGACGG

>SEQUENCE:3362:prostate\_MPM2000-004P1Novel007-2-Table1

AGGGCGAATTGGAGCTCCACGCGGTGGCGGCCGCGCCGGGCAGGTACCCTTTATAGAAGAA  
GAACAGAGAACTTTTCCATGTCTGTAAATAGCGCTGCTGTCCTGCGATTGACAGGACGA  
GGAGGAGGAGGAACAGTGGTGGGGGCTCCTAGAGGTCTGAAGTTCTTCAAGAGGGCGAGG  
C

AGAGGCAGAGGTGAATGTGGTTTCTACCAAAGAAGTTTTGATGAAGTAGAGGGTGTTTTT  
GGTCGAGGAGGTGGCAGAGAAATGCATAGATCGCAGAGCAAGAGAGAAGAGAGGCAGAAA  
TGAGGGCAAAACGGGAAGAGGAAGAGCGAAAGAGGCAGGAAGAAGTCCGAAGACAACAGG  
AGGAAATTCTTCGGCGACAGCAGGAAGAAG

>SEQUENCE:3363:prostate\_MPM2000-004P1Novel007-2-Table1

GGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTGAAGGTTTTGTCTCTTAATT  
TTCTTTGAACCACACCTCTTCTCCTTATTATAAGAAAAACCCCTCTTAGGGTAAGGGAAGC  
CCAAATTAAGTGTCTGAAATTTTGCATTATATTTAAACCATAATATTTGATTTACTTCT  
GTCAAACAAAACACTACCATTGTTGGGTTCTCATTTGTAGATTATTTAAAAACATGTTTTTC  
CTGTTAATTATCAATGCATTTACTATCACAAGGATAAAAAAGATCACTTCAGGTGGTGGG  
GATGTTTCATGAAACACCATGGTGGGGAGTAGGTAGTGGGCAGGCAGAGTGACAATC

>SEQUENCE:3364:prostate\_MPM2000-004P1Novel007-2-Table1

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTCCATTCTCC  
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TGAGTTATTTACTGTTACAGATGAGGAACTGCGAAGCTACATGGCCACAGTCAACAACG  
ACAACAGAAGGCAACATAGTATGGCGGTTAAGAGCACCGACTCTGAAGCCAGCCTGAATC  
CTAGAGCCAGAGCTGTGCAACAGCAGGTAAATGACTTATCCTGTGCAGTTTCCTCCTTAA  
TGGAATAGTGCCAGGCCACAATATCGCGAGATTTACACGTAAAGCTGGAAACAACCTCC  
CGTCCTAGAGTAAGCACTGTTTACTATTAAGCAGCATCAGA

>SEQUENCE:3365:prostate\_MPM2000-004P1Novel007-2-Table1

TTGGAGCTCCCCGCGGTGGCGGCCGTGGTGGTGAAGCTGTAGCCGCGCTCGGTAAGGAT  
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TTCAACCCGCGTACCCGCTAAAAGTGCACAGCTCGACCTTCATGGCGACAGCTCCACGGAA  
AGACAAAAGATGGCGAAAAGAAAACCCGCGTACCTCGGCCGCTCTAGAACTAGTGGATCC  
CCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCC  
GGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATGGCGCGCTTGGCGTAATCATGGTC  
ATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAGCCCG  
GGAGCATAAAGTGTAAGCCTGGG

>SEQUENCE:3366:prostate\_MPM2000-004P1Novel007-2-Table1

ACTATAGGGCGAATTGGAGCTCCACGCGGTGGCGGCCGAGGTACTCCCTAGTTGTGTCTG  
AATTGGACGCACCAGCACTTGAGCACACACAAATGCACGTGAACAGACGGAACATGTTAT  
GGCCTGTTAGCCAAGGAATGACAGAATTAATCCATGGGCATTTGCGGCCAGTGTTGTGT  
TAACTAAAGGGAAAAAGTGAAGTGGAAAAAGCAATGTTTGTTTTATGAAAATCTCAGAC  
CCAATCCTTAGGTGACAGTTCTGGAAATGAGGGGTGTCTAAAACAAAGGGCATCTGAAAC  
TTCGGTTTTTTCAGCTTCCTTTCTTGTCTCATGACCTCTTTCCTACCCGCTGCCTCTGTT  
TTCTCTAATATGGAACAGTGAAAATGGGGGCCAG

>SEQUENCE:3368:prostate\_MPM2000-004P1Novel007-2-Table1



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CGCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGG  
CAGGTACTTTTTTTTTTTTTTTTTTTTTTTTTTGCATGATAAGTTTCCAAGGAACCTTAG  
TGATGGGGACTGTCTCTTTTAAAATTAAATTGTGTAAATAACTCCCAGAGCCATGCTGGT  
AAGAAACAAAACAAAACAAAAGAAGTAACTAGAACTTGAAACAAACGTAGGATTTCTGCTGG  
TAAAAGGATGCAAAGCAGGCCTGCCTGCTGCACTTCCCCAGAGCTAATCCTTGAGCCAAA  
AGAGCTTCCTGGTGAAGCCTCGCACTCTCCGTAACAGGGTGTGGGGGGACCGAGACATGT  
GGGCTCCAGACTTGACCATCTTTACCTAGTTATGGGAT

>SEQUENCE:3369:prostate\_MPM2000-004P1Novel007-2-Table1

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCCACCAGATG  
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ACCATTTCTCTGTAGAGCAGCGCTTTCGAATAGAAATACAATGCCAGACACATAAGTTGT  
TTTAGATTTTCTAGTAGTCACTTTAGAAAAGTTAAAAAGAAACAGGTGAAATTAATGTTT  
TATTTACCTAAAATGTTAGCATTATCCAAAATATCACTTCAACATCTTATCAAAATAAA  
ATTATTAATGAGATTGGTTACCGTTCCGATAAATAGGTGAACTGAGAGCATACACAGTAG  
TATTCTGTTCTAATTTCTGCTTCACTATGAGTGTCTTGA

>SEQUENCE:3370:prostate\_MPM2000-004P1Novel007-2-Table1

CGCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGG  
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TGATGGGGACTGTCTCTTTTAAAATTAAATTGTGTAAATAACTCCCAGAGCCATGCTGGT  
AAGAAACAAAACAAAACAAAAGAAGTAACTAGAACTTGAAACAAACGTAGGATTTCTGCTGG  
TAAAAGGATGCAAAGCAGGCCTGCCTGCTGCACTTCCCCAGAGCTAATCCTTGAGCCAAA  
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>SEQUENCE:3371:prostate\_MPM2000-004P1Novel007-2-Table1

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAATCAGAGCC  
TCTGGAAATTTGATTCAGGCAAGTCGGGGGAGTCTCCGGTATTCTTCTCTGAGAACTCTG  
TTTTCAATTATAGAGCTGGACAATGGAATCTATGATTTGCCTGTAGAGGTTAGAGGTGCAT  
CCTTTAGAAAAATACATATTGCCAGAAGCAGGCTGACTTGGGCCTCTCCTACCATTTTCT  
TCATCAAAGCTGCTGTGATGACGTTCTAGCTTTTCTCACAGGCAGTTGTTGATGAAAAGG  
GTCTCCTTCAGGTGCTGCCACTGGCTCTGGATCTCATCTTTGGCTATTTCCATAGCCAAG  
GGGCCTTCCTGTGCATCAAAGAGGAAGGCATA

>SEQUENCE:3372:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:3373:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGTGGCGGGGGTCCACAGGCAGCCATCATGT  
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GCTTCCACGGCTGGTGAGAGGGGGCAAAGCCAGGCATAAAGAAATGGAGACGTGGGGGAAGG  
GGGACCATTGTTGAACTGGCCAACCTTTGGCGGGAGGGTCCAGCATTTGGAGCCGGGGCCG  
GGGAAAACGGAGGCAGGTGGTGACACCACTCATGGTGGCTGAGACAAGGTGGTTTCAGAT  
CCCCGTAAGTTGGTTGTGGTTCAGCCTTCAGAGTTGCGGGAAGGCAGATAATCAT  
>SEQUENCE:3374:prostate\_MPM2000-004P1Novel007-2-Table1  
GGAGCTCCACCGCGGTGGCGGCCGAGGTACCCCGCCATGGAACCAACACCACGTCAACT  
GGAACCTCTTCTTGCAAACGAAGGCTGAAGATCAAGAATGACATTCTCACACCACAGCACA  
GCTTAAATACTTCTTTGACAAAATAATAATAAATTATATTGTGACTGCAGGAAAATAAA  
ATTCTTGTTCAAGCAGGAGTGGCCAGGAAGGGGTCCAATTCATTTGGCATTGGCCACGAG  
GGGCTCTACGGAGGGGGCTGAGGAATGGGGTGCAGGAATGCCACAGTGGACAAGGGGACA  
T  
GGG

>SEQUENCE:3375:prostate\_MPM2000-004P1Novel007-2-Table1

ACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGCTGGTTTCCTGCCAGCCT  
GGGGCAAACCTAGCCGGAAGGCCGAGGTCCCATTTGTTGGCGCTGAGGTGTCTGGCCTGAG  
GTCAATGGTGCAAAGGAGCCGCCACCGGGCATGTCTGCCTGGAGTGCTGTGCTGTGTTA  
ATCAGGGGAATACAGGGGGCCCCTGGGGTTTCTTTTTTTCTTTTCTTTCTTTCTTTCC  
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TGGCTGATTTTAAAAAGTTGAGAA

&gt;SEQUENCE:3376:prostate\_MPM2000-004P1Novel007-2-Table1

TCACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCCGGGCAGGTACGC  
GGGGAAGTGAGGCAGCGGAGGACGACCTTTTTCCGGTTCGGCCTGGCGAGAGTTTGTGCG  
GCGACATGAACTGCTTACCCACAATCTGCTGAGCTCGCATGTGCGGGGGGTGGGGTTCC  
CGTGGCTTTCCCCCTGGCGCCTTGCAGGGCCACCCGAGGTTCCGGTATCTTGGCCCTGTG  
GGGAATTCAACCCCAACTTCGTGGCGCGTTTGATACCTAAAGTGGAGTGGGTGCGGCGTT  
CCTGGAGG

&gt;SEQUENCE:3377:prostate\_MPM2000-004P1Novel007-2-Table1

CTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGCTGGTTTCCTGCCAG  
CCTGGGGCAAACCTAGCCGGAAGGCCGAGGTCCCATTTGTTGGCGCTGAGGTGTCTGGCCT  
GAGGTCAATGGTGCAAAGGAGCCGCCACCGGGCATGTCTGCCTGGAGTGCTGTGCTGTGT  
TTAATCAGGGGGATACAGGGCCCCCTGGNGTTTTCTTTTTTTCTTTTCTTTCCCTTTCTTC  
CTTGGCCAAGAGAAGGGCTTACAGGCATGGACCTGCAGGTTGGCAAACGGGGCTTGACTT  
TGGCTGATTTAAAAAGTGGAGAAAGAAAGTAAAAAAGGTTTAATTT

&gt;SEQUENCE:3378:prostate\_MPM2000-004P1Novel007-2-Table1

AATTGGAGCTCCACCGCGGTGGCGGCCGTCCACAAATGTCTGCAGCTACGATGGACCCTC  
AGCTGCTGGACAGGAAAGAGGATCAAGCTAAGAAGGCCAGAGTGTGCAAGCAGAGAGAG  
GGTGTGGACAGAAAACCTTGCCTTCTCCAGGGCTAGTGGCGAAANGCTATTCTCAGGCTG  
GGCTCAAGGTGGGAGAGAAAAAAGGCATTGAGAATCAAAGCCAATGGGACCAGCTGGGG  
AAGGGCTGGCTTTTAATTTACTCAGATCCCAAGCTTAGTTCCCTGGCACTGGGCCCGTTG  
GCCTTTGTAG

&gt;SEQUENCE:3379:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGGTACGCGGGGCTTTTCACAAGA  
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GCGATAGGGCTTTAAAGGTCCAAAGAAGCGCAGTTGTTGAA

&gt;SEQUENCE:3380:prostate\_MPM2000-004P1Novel007-2-Table1

ACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGCTGGTTGGACCTA  
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CTTGAGCTCTGTGCTTTGAAACCAGTTTGATAAGTCCTTTACTAAGGAGCTCCTGAAGGG  
GCTTGCCCTGGCCCAGGGGAGGCCCTCGAATTCTTTCAAGTCTCTCAAGAGAACCAACAA  
GTTTGGGGTTATAAGTTTATAGTTTGGGAACTTTTCTTACAGAGTTTTATCATAGGTAGC  
TTTTTGTCAAAC

&gt;SEQUENCE:3381:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGCTCCTACTTGGATAACTG  
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TGCATTTATCAGATCAAAACCAACCCGGTCAGCCCTCTCCGGCCCCCGGCCGCTCTAGAA  
CTA

&gt;SEQUENCE:3382:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCCGGGCAGGTACATAAAGTGC  
CATGTCAGGCCTTCTGGCTCTAACTCTGCATCTCTGATTCTTGCTGCATGGCACCACC  
ACAATCATGTAAGTAACATTTATTTTCTTAGTAATAAACTCTACAACATGCCGATAGAC  
TGTTCTCTGAAGGCAAACCTGTGTTAAAGGTTTCCTTTTCTGGACAAGCAAGCCCTTACCT  
GTAATCCCAGCACTTTGGGAAGCCGAGGCAGGCAGACCACTTGAGCTCAGGATTTGACA  
CCAGCCTGGACAACATGGCAAACTCCGTCTCGGCGCGCTGTTGCTCTCCGCTTCCGCCG  
TCTCCGCGAAAGCTCTTATCTCTCCCCCGCGTACCCTCGGGCCGCTCTAGAACTA

&gt;SEQUENCE:3383:prostate\_MPM2000-004P1Novel007-2-Table1

TCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGAACCGCT  
GGATCCGAGAAATTCAAAAAGTGTACCAAGACTGGGATGCGTAGATGCCGTGTCATGCACG  
GAATCTGGCCTCTCACAGGGAAATTAGTTTTTTGGCTAAATCTTG

&gt;SEQUENCE:3385:prostate\_MPM2000-004P1Novel007-2-Table1

TACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGGTCTTTGCGGAT  
GTCCACGTCACACTTCATGATGGAGTTGAAGGTGGTCTCGTGGATGCCGCAAGATTCCAT  
ACCCAGGAAGGAAGGCTGGAACAGCGCCTCCGGACACCGGAACCGCTCATTNGCCAATGG

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GTGAT

&gt;SEQUENCE:3386:prostate\_MPM2000-004P1Novel007-2-Table1

CTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGATTGAT  
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TCTCAATATATAATAAATGGGAAATGTCGATTTTCAATAATAGACTTATATGCAGGCTTG  
TCGTTTCCGGTTTA

&gt;SEQUENCE:3387:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCCGGTACCGCGG  
G  
AGCTCGGGCTCCTGAGGGCGACGGTCCTCTGATGGCAGATGCGGGAGAACTCTGGCGTC  
AGGCGGCCCTCGCGTGGAGCACACGAAGTCGTGGCTTATTCTGGCTTCAGTATGTGGGGT  
GGAGAAGGCGATCCACGCAGCTGCGTCTATTTCTGTGGATCAATCGCAAATACGTTCT  
GTAAGCCCCGCCCCCACTGCGTGCGGGCGGCTTTTGTCTCCATGGCAACCGTCAACTCTG  
GAAACGCCTGTCTTTCTCCATGGCAACTGTCTACGCCGCAGGCTGGAGCTGCCCATACC  
GGAGCCCATATGGCAATGACCCTTGGCCAGTCTCTGGGAACATAAATCCTGGGATGTTTA  
CACAGGTGCTGGGTAAGATGTTCTTCCATATGCTCAAGACCACGG

&gt;SEQUENCE:3388:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAAAAATTCTACA  
TGCTGTGGCCATAGCTGGCGAGCCACTAGGACCTTGCACTTTTCTATTACCTTAAGGCC  
TGATCCAAATAATCCACAGCAGTTTATTCATGAACACACTCCAGTAAAATTTAAATTATT  
GAAAGAATTAAGCTAGTGTGGTTAATAATGGAATACAGAGCCCATTTACTTTAGGATT  
GTTAGAATCTGTATTCAGCACTATGCGCCTCCCACCCTTGGATATAAAGCATTTAGCTTG  
CACTTGTTTCTCTGCTAGTGCATATTTGACATGGAATTTAAATTGGCAAGAAATGTGTGC  
AGACCAGGCTAGACAGAATCTCACCGCTGGACATGGGAACATTACAGAGGAAATGCTATT  
GGGTAGTGACTCTTATTCAGATCTGGTGCAACAATTGACAC

&gt;SEQUENCE:3389:prostate\_MPM2000-004P1Novel007-2-Table1

ACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTGTGCTGAGAAATGG  
GCCCTTGCCAGATGCTCCCCTCTCCTTCTCTCTGCGAGGCAGAAAGTCAGAAAGGTAGAG  
ATTGCTGGCAAACTGTGAAGTCCCACCCTGGGGTCTCAACCCCACTCCACTGGAGGGC  
AGGCCTTCCCTGAC

&gt;SEQUENCE:3390:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCATAGGCAAGCACCGGAA  
GTACCCCGGCGGCCGCGGTAATGCTGGTGGTCTGCATCACCAACCGGATCAACTGTGACA  
AATGACCACCCAGGCTACTTTGGGAAAGTTGGTATGAAGCATTACCACTTAAAGAGGGAA  
CCAGAG

&gt;SEQUENCE:3391:prostate\_MPM2000-004P1Novel007-2-Table1

CGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTG  
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ACAGCAGGCGAAGAAGTTGGCAAAGCAGCAGGAGGAGGACAGCGAGGAGGAGGAAGAGG  
A  
CCTGGATGGAGACGATTGGGAAGATATTGATTCTGATGAAGAATTGGAATGTGAGGATAC  
TGAAGCAATGGACGATGTGGTGGAGCAGGATGCAGAGGAGGAAGAGGCTGAGGAAGGCC  
C

ACCCCTTGGTGCCATCCCTATCACGGACTGCTTATTTTGTTCCTCATTCAGCTCGCT  
GATGAAGAATGTGGCTCACATGACCAAAGACCACAGTTTCTTTATTCTGATATAGAATA  
TCTTTCAGATATTAAGGGAAGTAAATACTTGGGAGAGA

&gt;SEQUENCE:3392:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGGCTGTGGTGGCTCACGCCTGTAATCCCAG  
CACTTTGGGAGGCTGAGGCAGGTAGATCACCTGAGGTCAGGAGTTCGAGACCAGCCTGGC  
CAACATGGTGAAACCCTGTCTCTACTAAAAATATAAAAATTAGCCAGGTGTGGNTGGGCG  
GTATGCCCTGTAAATCCCAGCTACTTTGGGAGACCTGAAGGGAGGAACAAATCAACTT  
TAACCCAGGAGGCAGAGGCTGCAGTGAGCCAAGATTGTACCATTGCACTCCAGCTTGGGC  
AATGGGAGCAAGACTTCCATTCTTAANNNAACAAAAA

&gt;SEQUENCE:3393:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTCTGCACACA



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GGCCACCTGACCATTGCAGGCTGCAAAATGTCAAAGTCACTAAAAAACTTCATCACCATT  
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>SEQUENCE:3394:prostate\_MPM2000-004P1Novel007-2-Table1

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TCCTGAGGAGGATATCTTCTCCACACCGGTTTCTGTTCTGTTGGAGGAGTTGAGACCTG  
GTGTTCTGCGCTCATCCAGTTTCCCGGTTCCAAGATCTTTCGAGGGATAAGTGACAGCC  
CTTTTTCAGCGCTCTTCGGGCAATGCTTCTGCACCCAGGCCTGGAGCTTCCTGGGNGCAG  
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>SEQUENCE:3395:prostate\_MPM2000-004P1Novel007-2-Table1

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ATCCGGCATGCCAAGGACGTGAGGCCTCCAGCAATGCCGAACCCAATGCCACAAGTGTG  
CCTGTCCACCAAACTGGGGGGGCTTTTACCAAGAACCTGGCCCATGGTCCTTCATGTTGG  
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>SEQUENCE:3396:prostate\_MPM2000-004P1Novel007-2-Table1

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TTTGACAGAAGCAGCAGCCATGAAGAATGAAAGTTTTTAAAACACAAGGAGCAAGTTCAAA  
AGTCTCGCTCTATCACCAGTCTGGAGTCCAGTGGCATGATCTCAGATTACTGCAGCCTTC  
ACCTCCCAGGTTCAAGCAATTCTCCTGCCTCAGCCTCCCGAGGAGCTGGGACAACAGGCA  
CATGCGACCATGCCAGAAACAGCAGCTATGAAGCCTGCAAATTTGAAAAAAGAAAAAGA  
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>SEQUENCE:3397:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:3398:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAAATGGAATAAGTGAC  
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GCTATATTTTATCACAGATGGGTCACCTTAAAGAAAAGTAAAGGAGATGGAATGAATCT  
GAAATCTTTCTAAATACAAGGTAGTTAACACCATACTCAAGCAGAAAATTATAATCCTGT  
ATTTAGAGATACTTTTTTTTGGAGACAGAGTCTCACTTTATCACTCAGGCTGGAGCGCAGA  
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>SEQUENCE:3399:prostate\_MPM2000-004P1Novel007-2-Table1

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CAGGACCCACCATGTCTGCCCCATCACGCGGCTCGTTCTAGAACTAGTGGGATCCCCCGG  
GCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTTGAGGGGGGGGGCCCGGTA  
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>SEQUENCE:3400:prostate\_MPM2000-004P1Novel007-2-Table1

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TCTTGTCTCTGTTGCCAGGCTGGAGTGCAGTGGCGCGACTGGAGCTCACTGCAACCTTC  
CACTTTCCCGGGTTTCAAGTTGATTTGTCCCCACCTTCAAGCCTCCTGGAATTAGCTGGG  
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>SEQUENCE:3401:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:3402:prostate\_MPM2000-004P1Novel007-2-Table1  
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AAAATTATAGTCCAAG  
>SEQUENCE:3403:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:3404:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:3405:prostate\_MPM2000-004P1Novel007-2-Table1  
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AGACCCTGCAATGTGGTGTGAGGAAATGAGACTTGCTCTCTGGCCTTTTCCTATTTTCAG  
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GCTGAATTCTG  
>SEQUENCE:3406:prostate\_MPM2000-004P1Novel007-2-Table1  
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G  
CGGCCCGCTTCTAGGAACTAGGTGGGAATCCCCCGGGGCCTGGCAGGGAAATCCCAT  
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>SEQUENCE:3407:prostate\_MPM2000-004P1Novel007-2-Table1  
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CACTAAAGCCACTCTTGACTCAAGCAGGTGCCGTTCTTGATCACGGAATCTACCTTTGA  
TTTCATCAGGCCAGATTCACAAACAGAATGGGAGTGCTTTATCTATACCTTTGAGAGGAT  
GGAGAGTGAAATAACTGGAAACACTGGGTTATCACAGCTTAATTTTCATCCAGGCTTGGTG  
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>SEQUENCE:3408:prostate\_MPM2000-004P1Novel007-2-Table1  
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GAAGTTCCTGTGCCACAAAGGTTCTTGTTTCATTCTCTTAGGTCCTAAGGGGAAAGCCAAG  
TCCTACCACGAGATTGGCAGAGCCATTGCCACCCTGATGTCTGATGAGGTGTTCCATGAC  
ATTTGCTTATAAAGCAAAAGACAGGCACGACCTGATTGCTGGTATTGATGAGTTCCTAG  
>SEQUENCE:3410:prostate\_MPM2000-004P1Novel007-2-Table1  
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CCAAGGTGGTGCATTACCGGAAGTGGATCAAGGACACCATCGTGGCCAACCCCTGAGCAC  
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>SEQUENCE:3411:prostate\_MPM2000-004P1Novel007-2-Table1  
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CTTGAGTTCATCTCCTTTGAGAATGACAAATAATGAAGACAGTCTGAGTCCCACCAGCAT  
CACTC  
>SEQUENCE:3412:prostate\_MPM2000-004P1Novel007-2-Table1  
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ACCCAGCCCCCTTCCAATTTTAAAGAGAAAAAGGAAACTGAGTTATCTTGAATAACATAAC  
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>SEQUENCE:3413:prostate\_MPM2000-004P1Novel007-2-Table1  
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CAGGGCTTTGGTCGATGGACCTTGCACCTCAAGTGAGGAGACAGGCCATTGCCTTTCAAGT  
GCATGCAGCTCACTGATTTTCATCCTCAAGTTTCCGCACAGTGCCACCCAGAAGTATGTCC  
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AGATTGAAGCCAGATAAAGGAAAGCCAAGATGACAGATTTTGATCGTTTTAAAGTTATGA  
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CTCTCCTGAAAGCT  
>SEQUENCE:3414:prostate\_MPM2000-004P1Novel007-2-Table1  
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GAAGTGGATCGTCTGGCAGCCAGAGAACTTGAAGTTGGCCCTGTGCAGGG  
>SEQUENCE:3415:prostate\_MPM2000-004P1Novel007-2-Table1  
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CCAAGTAAGAATTTCAATGGCAATGAATATTACCACATAGCTGTATACTGTAAGTCAAGG  
ATTCTGTCAGATGAGTGCAAACATTACCGTGCTGTAACCATCCAGAGTCCCAGGGTCACA  
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CAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAG  
CTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGGT  
TCCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAGCCGGGAGCATAAA  
GTGTAAAGCCT  
>SEQUENCE:3416:prostate\_MPM2000-004P1Novel007-2-Table1  
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CTTTCAGACCAAGGTGGACTTCACCTCGTGCACAGGCCTTCTGTGTCTGCTGGGAATTGT  
GCTCCTGGTGAAGTGGATT  
>SEQUENCE:3418:prostate\_MPM2000-004P1Novel007-2-Table1  
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ATACAAGAACCTTCCACCTACCTGGTGCTTTGGCCTCATCTATAAGCGGGCAGTCATCTG  
CCCTAAGTGCTGCCGCCGAAGACTGAATGTCCTGGAAAGTTTGCTGTACATCTCCATTA  
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TTCATTTCTAAAAACATACAATCCAGTAAAATAAAAGGTACCTGCCCGGGCGGCCGCTCT  
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>SEQUENCE:3419:prostate\_MPM2000-004P1Novel007-2-Table1

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TGTCCCCCGCGCGCCTGGGTGGTCAAGCTTAAGGGATTTCTACCTCACACTGTGCATTTT  
GCACAGCAGATAGAAAGACTTGTTTATATTAACAGCTTATTTATGTATCAATATTAGCT  
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>SEQUENCE:3420:prostate\_MPM2000-004P1Novel007-2-Table1

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AGCCAGGTGGGCTTCCAGCAAGTCGGTGTGGAGACCTATGGTGGTGGGATCTGGAGCACC  
TGGTTTGACCGTGACCTGACTCTGGCTGGACGCGTCATTGTCAAGTGCCCTACCTTAAGT  
CGGTTGGAGCAGCAGCTGGTGCACGTGGAGCGGCCATTCTTTCGCATCCACACCTGGC  
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TCCCCATTCTTGCCACAACCATCCAAGAGGAGCTGGAGAAGGGGACTCCTGAGCCAAGGC  
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>SEQUENCE:3421:prostate\_MPM2000-004P1Novel007-2-Table1

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GGAGTATGTCAAGCGAGCCCTGGCCAACAGCCTTGCCTGTCAAGGAAAGTACCTCGGCCG  
CTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGT  
CGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGC  
GCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTC  
CACACAACATACGAGCCGGGAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCT  
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>SEQUENCE:3422:prostate\_MPM2000-004P1Novel007-2-Table1

TGGAGCTCCACCGCGGTGTCCGCCGAGGTACGTCGGAAATAAACTATTTCCAGACTGATA  
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TTGATAAGAGTAGTCGTTTAGCTAAACTAAGTAACATTAAGGAAACACATTGTCTGGTC  
TTATATGTTAGTGCAACACACAGTATATATATGTTTAAGCAACTATTGGTGAGTGGGGGC  
TACAGGGATTACCAGGAGATGATCTCTCAATTCAGAATGGCATTATTGTGACAAAGGCCA  
CCAGATACCCACTCCTCATAGACCCACAACTCAAGGCAAAACCTTGATTAAATCAAAGG  
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>SEQUENCE:3423:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:3424:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:3425:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACC  
ACTGCACTCCAGCTTGGGAGACAGAGTGAGCAGAGTGAGACCAATTCCTGGGAAGCCACA  
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>SEQUENCE:3426:prostate\_MPM2000-004P1Novel007-2-Table1

TAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCCGCCCGGGCAGGTACCATCTCCTCGAA  
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TTCCATAGTCTCGAAATAACAGCATTCCCCCAGGTTTCAGTAACCTTGGACAGTCGGTTTA  
CAACACCTTGCATCCTTGCAGGGATGAATAGAAGAGAGCACAAAGACAAGGAGAATGACA  
TCCAGGATCCCATCTGGAAAAGGGTAAGGTAAGCCATCATCACATACATCATGAACAAAG  
GCAAAACACTGGGTTGCTCTGTAGGACGAGTGTGACTTTACGAGCTCCACAGCTCCAGAA  
GCAAAATCACAACAATACAGAAAGGACTCCGGAGAGTTCTCCAAAGTGTTCAAATTTGGA  
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>SEQUENCE:3427:prostate\_MPM2000-004P1Novel007-2-Table1

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGGCTGATGCCATTT  
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TGAATGTCCTGGAAAGTTTGCTGTCACATCTCCATTATGACAAAAGCATTGTGCCGAACA  
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>SEQUENCE:3428:prostate\_MPM2000-004P1Novel007-2-Table1

ATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCCGCCCGGGCAGGTAC  
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G  
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TCTAGAAGTAGTGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTC  
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>SEQUENCE:3429:prostate\_MPM2000-004P1Novel007-2-Table1

GGCGAATTGGAGCTCACCGCGGTGGCGGCCGAGTTTTCCAAGAGATAACTTCACCAAGAT  
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TGCGGACCAGCGAGACCCAGCCGCTCCAGAGCCTGAAGACAAGAGGAAAGAAACCTTCTG  
CCACCCAGCAGAAGAAAAACACCAAACCTTCTTTAGCAAACCACTGCTAAGTTATCCACT  
AGTGCTAAAAGAATTCAAAGAGGAGCTAGCTGAAATAACCCTTGATCCTCCTCCTAATTGC  
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>SEQUENCE:3430:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTAGCATGTTGC  
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ATGTGTTTATATTGTAAATATTTTGTATTCATCAAATTATTTATTCATTAAAAGAAATT  
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>SEQUENCE:3431:prostate\_MPM2000-004P1Novel007-2-Table1

GGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGCACCTGTGGTGGATTTCCAGGCT  
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CTTGCAATTGTTTCTAGGAGAACCTGCGTCATACCTTTATCTATAGCCTTCCCCTAGGTCT  
TCAGAAGCATCAAGTTTTAACTGTGGACATTGGATTTGGTGGAACAGCAATCATGACTGT  
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>SEQUENCE:3432:prostate\_MPM2000-004P1Novel007-2-Table1

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CGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATT  
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>SEQUENCE:3433:prostate\_MPM2000-004P1Novel007-2-Table1

GGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACCGGAAGCAGCGAAT  
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AGTGGAGAAGGGTTTTAGACATGATTGATAAAGAACAGAAAAGCATTGTCATCATGGTT  
CATATTTATGAGGATGGCATTCCAGGGACCGAAGCCATGAATGGTTGCATGATCTGCCTT  
GCCGCAGAGTACTGTTTGCATTAATAAATTAAGCTCCATAGGGTCTTCTCGTCTTGCTG  
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>SEQUENCE:3434:prostate\_MPM2000-004P1Novel007-2-Table1

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TCAGGACTGCGGCTGCTGTGGCCTACACACCTGGGCCTGTGTGCCTGTCCCGGGCTTTAG  
GCTGCTTTCCCTACCCGGCTCCCCCGCGTACCTGCCCGGGCGGCGCTCTAGAACTAGTG  
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>SEQUENCE:3436:prostate\_MPM2000-004P1Novel007-2-Table1

ACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTCCTTCAGCG  
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>SEQUENCE:3437:prostate\_MPM2000-004P1Novel007-2-Table1

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CCGGGCCGTCTAGAACTAGTGGATCCCCCGGGCTGCAGGA .TTCGATATCAAGCTTATCG  
ATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTA  
ATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTC  
ACAATTCCACACAACATACGAGCCGGGAGCATAAAGTGTAAGCCTGGGGTGCCTAATGA  
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>SEQUENCE:3438:prostate\_MPM2000-004P1Novel007-2-Table1

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AGTCCTGAAAGGCTGCAACACCCAGACCTCCAGGAGAGACCAGGCCAGGATGCCTTGCC  
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CCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCG  
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>SEQUENCE:3439:prostate\_MPM2000-004P1Novel007-2-Table1

TCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGGGCCACG  
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CCAAGCAAACCGGGAAAGGAGAGGATCCCGGAGCCGCGTGATGGCCAGAGGCCTGGGGG  
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GCTGACTCCCCTGGGTAAGAAGAGGGCCAAAATGTTTACAATTGAAACCCTTAATGTGAT  
GCAACC  
>SEQUENCE:3441:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:3442:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:3443:prostate\_MPM2000-004P1Novel007-2-Table1  
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TGGGATCTGC  
>SEQUENCE:3444:prostate\_MPM2000-004P1Novel007-2-Table1  
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AATAATGAGAATGCTGCAAATCAAACCTTGTGACATCCCACTAAAGCTGTTCTTAGAGGG  
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GGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCA  
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GCCGGGAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTAACTCACATTAC  
>SEQUENCE:3447:prostate\_MPM2000-004P1Novel007-2-Table1  
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AGCTTCCTCTTTGATGAAAAATGTGGCTATAATAATGAACACCTCCTGCTGAACTTGAAG  
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>SEQUENCE:3448:prostate\_MPM2000-004P1Novel007-2-Table1  
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TCCAAGACCACAGAGTTGAATGAATTCAGTCCTTGACAGCCCGTTGAACTGAGGGCCTCCC  
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CAGGAAGCACAAAAGGAAGCACAGAGATCCCTGGGAGAAATGCCCGGCCGCTCTAAACT  
AGTGGATCCCCCGG  
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>SEQUENCE:3452:prostate\_MPM2000-004P1Novel007-2-Table1  
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TGGGAAGGACCTGATGATACAGAGGTGAGAAATAAGAAAGGCTGCTGACTTTACCATCTG  
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ACACAACAGGAAGCCACAAAAGG  
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>SEQUENCE:3454:prostate\_MPM2000-004P1Novel007-2-Table1  
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CATTGAAGCACTGAGCAGAAAGCCTGGAGGCACAACGCACCAGACACTCACAGCAAGGAT  
GGGAGCTTGAAAAACATAAACCCACTCTGTCCTGAAGGCACTGGGAAGCCTAGAGAAGGC  
TGTGAGCCAAGGAGGGAGGGTCTTTCTTTGGCATGGGATGGGGATGAAGTAAGGAGAGGG  
ACTGGACCCCCTGGGAAGCTGATTCATATGGGGGGAGGTGTATTGAAGTCCTTCAGACA  
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&gt;SEQUENCE:3455:prostate\_MPM2000-004P1Novel007-2-Table1

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GCCAAAAAATCCACTTGGTTCCATGTCACCTCAGGGACAAGTTTGTCTGCGCTTTGCC  
ATCTGTTCTCGCACGGTGGAAATCTGCCCATGTGCAGCGGGCCTGGGAACACATCAAAGAG  
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&gt;SEQUENCE:3456:prostate\_MPM2000-004P1Novel007-2-Table1

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GGCTGGCCTCCCAGAATGTGAGCTGAGCCCAAGCATGCTGTGAAGCCAAGATGCAGAGGT  
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&gt;SEQUENCE:3457:prostate\_MPM2000-004P1Novel007-2-Table1

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CCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCT  
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&gt;SEQUENCE:3458:prostate\_MPM2000-004P1Novel007-2-Table1

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GGACGATGTTATTAATTATGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGA  
ATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTT  
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&gt;SEQUENCE:3459:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGTT  
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&gt;SEQUENCE:3460:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTGTATTCTCATCCACC  
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&gt;SEQUENCE:3461:prostate\_MPM2000-004P1Novel007-2-Table1

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&gt;SEQUENCE:3462:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATTAGTAATAACCTTTTCAAAAA  
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TAAGCACCTTATTGTGTTAATCATGATATAAAGAGCCTTGTATAACACAAAAGCCGAGAT  
CGCGCCACTGCACTTTAGCCTGGGTGACAGAGTGGGATTCTGTCCGCTCCCGCCAAAAAA  
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TGCACATGGGAATTGTGGGCCCACAGTGTCTGGTGAAAGAAGAGGAGGCAGGAGGCCTTT  
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>SEQUENCE:3465:prostate\_MPM2000-004P1Novel007-2-Table1  
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CAACACAACATTGAAC  
>SEQUENCE:3466:prostate\_MPM2000-004P1Novel007-2-Table1  
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GCT  
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CAACAGACGAAAAAGCAGCCTGAGGCCTTCTGTCCAGCCTGGTGATAAGGTTTTTCAGAA

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CTTGCAGGTCCATGTTCCCAACAAGCAACTTTCAGCCCAGGATTCTGCAGATCTTTCCAGC  
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GTGTCCACATCCCCGGGAGAGAGAAGCCACCAGAAGCTGGAAGAGCTAAATCAGACTGCTC  
CCTAGAGCTTCAGAAGGAGCCAGAAGCTGATGACTCCAAGATCTTAGCCAGTGAAACTGA  
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>SEQUENCE:3478:prostate\_MPM2000-004P1Novel007-2-Table1  
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TGTCTTCTCTGAGATGTCTTTTTTCCACAGGATTCTTTGCTGGACATCCCTAATT  
CCAAGTCAGCTGGATGGACAGGCAAGCTCGTCAGCTGCTAGTAAACCGCCGCGGCCCGCG  
GGCTCCGCACGAACCGACCAGACCCCAACCCCGCGTACCTCGGCCGCTCTAGAACTAGT  
GGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGG  
GGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATC





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&gt;SEQUENCE:3486:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAAGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAAAGATTTCTG  
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AAGTGCCACTAAAGTATGCCTAAACTCTCATAGGAAACTGATGACTCTACCCTAAATGT  
CCTGCATGTCTCCAGTTTATCTGATGGAGCTGAACTAATCTGAGTATATTATGAACACAA  
GCAAAAATTGTGCCATCCTTCATCAACAAAGATACAGAAACCATAAATATGATGTCAGAA  
TTTGTGCTAATTTGCCACAGGAGCTGAAGTTAACCCTGTCTGAGATGCAGCCAGCATT  
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&gt;SEQUENCE:3487:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCATAATTTAATAA  
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GTGTTGCAGCCTTTCAGGACTGCGGCTGCTGTGGCCTACACACCTGGGCCTGTGTGCCTG  
TCCCGGGCTTTAGGCTGCTTTCCTACCCGGCTCAACCCCCCGGTACCTCGGCCGCTCT  
AGAAGTGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGAC  
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&gt;SEQUENCE:3488:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGTGCTCT  
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TCAGTCACCCTACCCAGGGGAGATGTGTCCCACTGCCCCATTGTGGTGGCCTCAGGGAGG  
GGGAGATCAAGACCCACCCGTTGTTATGAATAAACTTGGACTCTCAGCAACACGGGGAGG  
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&gt;SEQUENCE:3489:prostate\_MPM2000-004P1Novel007-2-Table1

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACGG  
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GACAGCAAAGGCAAGAAACACTTTTCCGACCCCTTGGCCATGGAGCAGAGCCAAAATAAA  
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GCCTCACGAACCCGAAGAGACGGCTGTAGAGAGAGAGACACAGAGCTTGTTAATGGTCTG  
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&gt;SEQUENCE:3490:prostate\_MPM2000-004P1Novel007-2-Table1

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G

CCACAGCAGCCGCGAGTCCTGAAAGGCTGCAACACCCAGACCTCCAGGAGAGACCAGGCC  
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TCCAGAGCAGTCGCGGCCAAATGGAAGGACGATGTTATTAAATTATGCGGCCGCTCTAGA  
ACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTC  
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&gt;SEQUENCE:3491:prostate\_MPM2000-004P1Novel007-2-Table1

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TGTTGCAGCCTTTCAGGACTGCGGCTGCTGTGGCCTACACACCTGGGCCTGTGTGCCTGT  
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CCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCC  
CGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGT  
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&gt;SEQUENCE:3492:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTCTGGTAAGCTT  
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&gt;SEQUENCE:3493:prostate\_MPM2000-004P1Novel007-2-Table1

GAGCTCCACCGCGGTGGCGGCCGCATAATTTAATAACATCGTCCTTCCATTTGGCCGCGA  
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GTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCT  
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&gt;SEQUENCE:3494:prostate\_MPM2000-004P1Novel007-2-Table1

GCGTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGC  
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GCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCG  
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TCACAATTCCACACAACATACGAGCCGGGAGCATAAAGTGTAAGCCTGGGGTGCCTAAT  
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&gt;SEQUENCE:3495:prostate\_MPM2000-004P1Novel007-2-Table1

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GCAGATGGATCACTTGAAGTCAGGAGTTCAAGACCAGCCTGGCCAACATAGTGAAACCCT  
GCCTCTACCAAAAAATACAAGAATTAGCCCAGCATGGTGGCGTGCACCTGTAGTCCCAGC  
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GTGGAAGTCCCGGTGGACATTTTGTAGCCCCTGATGTATGCCAGGCACTGCTGTAAGCAC  
TGAGTATTCAAAGATGAACAAAATGATGTGGCCCCAGTCTCCTAAAATTTACTATCAAGA  
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&gt;SEQUENCE:3496:prostate\_MPM2000-004P1Novel007-2-Table1

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AAGTCACGACTTCTTCTTCACCTTTGGATCCAGTGGCTGGAAAGCCCTGGTTATTTTCTG  
GAAGATCCTCTTCTCCATCCATCACAACTTTCTTATCTTTTAAGGCAGGAGCCAGCAAA  
CCTTTCTGCCACCGCTGGGGAGGCACATAGCTCGCCAGCGTCCCTGGAGTCCCCTCAGG  
AATCCCCGCGTACCTCGGCCGTTCTAGAACTAGTGGATCCCCCGGGCTGTAGGAATTCGA  
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&gt;SEQUENCE:3497:prostate\_MPM2000-004P1Novel007-2-Table1

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GAGGGGGAAATACTCATATTTTAGCCACAGTTGTTTGATCACCAACATCATGCCAG  
AATACTCAGCAAACCTTCTTAGCTCTTGAGAAGTCAAAGTCCGGGGGAATTTATCCCTGG  
CAATTTTAATTGGACCCCTTATGTGAGAGCAGCGGCTACCCAGCTGGGGTGGTGGAGCGA  
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&gt;SEQUENCE:3498:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGAGCAGC  
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TCCACCTGCTAGAAATTCTGTTTACTACTGAACCAATTTTCCAGAGCAGTCGCGGGCAAAT  
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AGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAGC  
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>SEQUENCE:3499:prostate\_MPM2000-004P1Novel007-2-Table1  
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GCAGCCTTTCAAGACTGCGGCTGCTGTGGCCTACACACCTGGGCCTGTGTGCCTGTCCCG  
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GCTGCTTTCCCTACCCGGCTCAACCAGTCTCCCCGCGTACCTCGGCCGCTCTAGAACTAG  
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TGTTGCAGCCTTTCAAGACTGCGGCTGCTGTGGCCTACACACCTGGGCCTGTGTGCCTGT  
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CCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCC  
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GCAGCCTTTCAAGACTGCGGCTGCTGTGGCCTACACACCTGGGCCTGTGTGCCTGTCCCG  
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>SEQUENCE:3503:prostate\_MPM2000-004P1Novel007-2-Table1  
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GCAGCCTTTCAAGACTGCGGCTGCTGTGGCCTACACACCTGGGCCTGTGTGCCTGTCCCG  
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CTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCG  
ACCTCGAGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGC  
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>SEQUENCE:3504:prostate\_MPM2000-004P1Novel007-2-Table1  
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TGCTCTGGAAAATTGGTTCAGTAGTAAACAGAATTCTAGCAGGTGGAACAAGAACAGGCG  
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ACCTCGGCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTA  
TCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGG  
TTAATTGCGCGCTTGGCGTAATCATGGGCATAGCTTGTTACCTGTGTGAAATTGTTATCC  
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>SEQUENCE:3505:prostate\_MPM2000-004P1Novel007-2-Table1

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CTGGAAAGATGAGAAGAGAGGAAAGATCCCAACGATCCCGTCAACACGAAAATCCCAGGA  
ATCAGAGAAATGCTGAGCCGATTATCAGGATTAGCAAATGTTGTTTTGCATGAATTATCA  
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>SEQUENCE:3506:prostate\_MPM2000-004P1Novel007-2-Table1

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C

TGCAACACCCAGACCTCCAGGAGAGACCAGGCCCAGGATGCCTCGCCTGTTCTTGTTCCA  
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GGACGATGTTATTAATTATGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGA  
ATTCGATATCAAGCTTATCGATACCGGCGACCTTTAGGGGGGGGCCCGGTACCCAGCTTTT  
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TGTGAAAT

>SEQUENCE:3507:prostate\_MPM2000-004P1Novel007-2-Table1

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TGTCACTCGTTCTGAGACTTCCTTCTCTGTGAAATTCCACAATCTCTTTCTATTTATAGA  
CTTTTCCACAGCAAACATTAGTCTACGCAGGGGCATTTTGAATCATTTGCCAGTTCTAA  
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>SEQUENCE:3508:prostate\_MPM2000-004P1Novel007-2-Table1

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GTTAACATTTTGAAGACAGTATTCAGAAAAAAATTTCTTAATAAAAAATACAACTCAG  
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>SEQUENCE:3509:prostate\_MPM2000-004P1Novel007-2-Table1

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TCTTTTATTAGAGATAATATAAAGAATGATTAACCAGGTGACAGTAAAGGGCAGGAAGGG  
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>SEQUENCE:3510:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:3511:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:3513:prostate\_MPM2000-004P1Novel007-2-Table1  
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CCTTTCAGGACTGCGGCTGCTGTGGCCTACACACCTGGGCCTGTGTGCCTGTCCCGGGCT  
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>SEQUENCE:3516:prostate\_MPM2000-004P1Novel007-2-Table1  
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TAAGGGGTCTCTCCTGCGCCACACGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAG  
GAATTCGATATCAAGCTTATTCAATCCCGTCGAACCTCAAGGGGGGGGGGCCCGGTACCCA

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>SEQUENCE:3517:prostate\_MPM2000-004P1Novel007-2-Table1

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GCAGGTGGAACAAGAACAGGCGAGGCATCCTGGGCCTGGTCTCTCCTGGAGGTCTGGGTG  
TTGCAGCCTTTCAGGACTGCGGGTGTCTGGGGGCCTACACCACCTGGGCCCTGTGGTCCC  
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>SEQUENCE:3518:prostate\_MPM2000-004P1Novel007-2-Table1

CGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCACGCTGGTTTTGCA  
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TCACGCCTTCCAGAGCCACATCATCGCGGTGGAATAGAAGCCCAGAGAGAGGTAGGTGT  
AGGAGGCCTGCAGGTACCTTGGCCCGTTCTAGAACTAGTGGGATCCCCCGGCCGGCAGGA  
ATTC AATATCAAGCTTATCGATAACCGTCGACCTCGAGGGGGGGGGCCCGGTACCCAGCTTTT  
GTTCCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTG  
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>SEQUENCE:3519:prostate\_MPM2000-004P1Novel007-2-Table1

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACCAGCTTCAGCAT  
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ACTGGGAAGCTTATTAGAAATGCAGAACCTCAGGCCCTGCTTACTGAACAAAAATCCACA  
GAGTCTCCAGGCTGCTCATGACTTACTTCTCATGTCTGCCTCTCCAGCTTTCTGGAGGA  
GGGACTGGGCTGGGGCTTGGGCCCATACTCCTGGTTTAAGCCCCTGGTGCCAGGGTTGTA  
AGCAGCACACCGAGGCTGCTCTGAAACCAACTGATTTAGCTTGAGCTATCAATATTGTGT  
GGCTCAGCTGGGGGTCCCCTTCTCCTCTGTCTGCAATGGTTGTTTGTGTTTGTGAGGCAGA  
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>SEQUENCE:3520:prostate\_MPM2000-004P1Novel007-2-Table1

GGAGCTCCCCGCGGTGGCGGCCGAGGTACTTATCATTCCATCTGCGTGCTTCTCCGCATT  
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ATTTGTTGTCTCTTTGAGAGTTTCAATTTTCTTTCCCTGTTTCTTCTTTGAGTTTTG  
AAACCTTGGCTTCAAAAAAAGGCTTTAATTGTTCAATCAAGATTTGTTGGTAAGCATCA  
CCTCCTGAAGTTTCTTATCAAAATCTTGGACACTAGGAACAAATCCTGAATCCAAACCTT  
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CATCAGCATCACGGGCCTGGAAATGGAAGGTTTTTTGATCAACAGTTATTGTGAAGGTGC  
T

>SEQUENCE:3521:prostate\_MPM2000-004P1Novel007-2-Table1

CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTCACACAGT  
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CACGATTCTCCACTGACAACGCTCACGGCCACAGGGTCCACACACACAGCCTCACCAAT  
GACGGGGACCACCATTCGGACCACCCCAAGCCCACAGCTCATTGAGCATAGCCCGGACAA  
AAAAAAAAAAAAAAAAAAGGTCCAGAGATTTAAATGAAATCTTCGAAAGAATAAATTT  
GCTTTTCAGTCCACTGTATTTTCAAATTGATTATCACCAAGCTTGGATGAAAGCTGTGA  
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>SEQUENCE:3523:prostate\_MPM2000-004P1Novel007-2-Table1

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AGTGCACCAACCTGTCCACTACGTGATGCTGTAGGATTAAGTCTCACAGTGGGCGGCTGA  
GGATACAGCGCCGCGTCTGTGTTGCCGGTGAATTAGACGCCATCGCTGTGGGTGCTGG  
TATGGTGCCGTGCTATTTGGCACAGGACACACCGCTTGAGGTCTGTATTGAACCTCTGAA  
GGAGGCCGATACTGAAGCTCGGTTGGCAGCCGGTATTGATAAACTACCAGCGGTTGGGTC  
TTATTTTCTACCGGCTGATATTGTGGATACTGTATCTGAGTTGGCATTGCCGGGATAGAG  
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>SEQUENCE:3524:prostate\_MPM2000-004P1Novel007-2-Table1

CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCATAATTTAATAACA



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TCGTCCTTCCATTTGGCCGCGACTGCTCTGGAAAATTGGTTCAGTAGTAAACAGAATTCT  
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CCGGGCTTTAGGCTGCTTCCCTCCCCGCGTACCTCGGCCGCTCTAGAACTAGTGGATCC  
CCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCC  
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>SEQUENCE:3525:prostate\_MPM2000-004P1Novel007-2-Table1

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G

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ACCAATTTTCCAGAGCAGTCGCGGCCAAATGGAAGGACGATGTTATTAATTATGCGGCC  
GCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCG  
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>SEQUENCE:3526:prostate\_MPM2000-004P1Novel007-2-Table1

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CCAAGTCACACAAGGATGTTAAAAGATGGTCAAGAAAGGCCCAATCCTTAAAAGCACA  
GCCTTCTAACATCGCTTTCAGTAAGGGAGAAAACTGAAGAGGAAAGACTGTCTTGCCAGA  
AATGGCCAGCTTGTGCAGACTCCGAGTCCTTCAGTGACAAAGGCCTTTGCTGTTTGTCT  
CTTGACCTGTGTCTGACTTGCTCCTGGATGGGCACCCACACTCAGAGGCTACATATGGCC  
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>SEQUENCE:3527:prostate\_MPM2000-004P1Novel007-2-Table1

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ATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTC  
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>SEQUENCE:3528:prostate\_MPM2000-004P1Novel007-2-Table1

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GAAATGTCCAAGTAAGAAGATAACATATTTATCCAAATATTTAAAGTGAAATGCTCCAGA  
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>SEQUENCE:3529:prostate\_MPM2000-004P1Novel007-2-Table1

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TAAGTGCTGGCATTACAGGATCAGCTGCCATGCCTGGCTACAAATCTTAATGTTTTCCC  
ATGGCTTCTTTTTCTGGCGTTCTTTTCTCAGGTAATGGAAGTGGGCAGAGAATGATCCTT  
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TCGAGGACAGGTTTATTTTAAAGAAAACAAACCCAAGAGTGGCTTCTGGCTGAGTTAGAT  
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>SEQUENCE:3530:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:3533:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:3543:prostate\_MPM2000-004P1Novel007-2-Table1  
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AGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAGC  
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>SEQUENCE:3544:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:3547:prostate\_MPM2000-004P1Novel007-2-Table1  
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CTAACTCGCCCTCAACTCCCAACTCGGCTGGTTCTTCCAGTTCTTTTAACATGTCAAAC  
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>SEQUENCE:3548:prostate\_MPM2000-004P1Novel007-2-Table1

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CTTATTACACAGATTTACATTCACAAATATTCTATTATGTAAATGTAAATCTATTCTATT  
ATGTGAATGTAAACCTATATAATATATTTAGCCATTTTCTCAGTTGGATATTTTGGTTAT  
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>SEQUENCE:3549:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:3550:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:3551:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:3552:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:3553:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:3554:prostate\_MPM2000-004P1Novel007-2-Table1  
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CAGCCGTGCTGGTGGCCTGCTTCCTCAAGCTTTAACTTGTGCCCTCCCTGGCAACAGGGA  
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ATCCAAGCTGTGACTTCCCTTAGACAGTGTAAGCCTGTAGGGTGCACCCCCAAGTTTATG  
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>SEQUENCE:3555:prostate\_MPM2000-004P1Novel007-2-Table1  
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GTTTGGGGCAGAAGTGAGAGGGGGCAGGCTATCTCACC AATCTCCTCTTGGACTCAGGAAC  
TCTTGCAAAGGTTTCAAAGATGAGGAAGAATCTAAAAGAAAAGATCATTAAAGCTGTGCCC  
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>SEQUENCE:3556:prostate\_MPM2000-004P1Novel007-2-Table1  
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TGAGACGGAGGGGGGAGAAGCAGGAGCTGTGGAAATATACGATCGACAATGTTTCCCCCA  
CGCACAGCCGGAGGAGGAGGAGCGGGAACGGCGAGTGTTCAAGGATCTTTATGGCCGGC  
A  
CAAGGAGTATCTCAGCAGCCTCGTAGGCACCGACTTTGAGATGACTGTCCCAGGTGCCCT  
CCGGCTCTTTGTAAATGGAGAGGTGCTTTTCAAGCCCAAGGCTATGAGTATGACAATCTCTA  
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CTCAGGAGTAACACAGACCTGCACCACCAAGTCCCTGGCAA  
>SEQUENCE:3557:prostate\_MPM2000-004P1Novel007-2-Table1  
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AAAAACTGCAACTCAGAAATGTAAAGTGAGTCGACCAAGGCTAAAGCGGCAAAACCACTA  
TACTTTATAACACAGAGTTTGGCACTATTTCCACTTTGTTCTCTCTCAAAGATGAAGGCT  
CAGGAGGAGGGAAGATAAAAAACAAATCACTGGAGAGTCCTGGCATGCCGGAACATGGACT  
CTAGCTAGCAAGAAGGGCTCAAGGAGGTGGCCTTCTCCTAGACCTCAACTTTGATGCAAA  
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CTACGTGTCTAGCCTTGAGCTACAGAACAAAAGAACAATCAC  
>SEQUENCE:3558:prostate\_MPM2000-004P1Novel007-2-Table1  
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AAACATGCTTATAACATTAAGAAAAACAATAAAGATACATGATTGAAACCAAGTTGAAAA  
ATAGCATATGCCTTGGAGGAAATGTGCTCAAATTACTAATGATTTAGTGTTGTCCCTACT  
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CACCATGACTGGCTAATTTTCTGTATTTTTTAGTAGAGACAGAGTTTCACCATGTTGGCC  
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>SEQUENCE:3559:prostate\_MPM2000-004P1Novel007-2-Table1  
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CCATTTGGCCGCGACTGCTCTGGAAAATTGGTTCAAGTAGTAAACAGAATTCTAGCAGGTG  
GAACAAGAACAGGCGAGGCATCCTGGGCCTGGTCTCTCCTGGAGGTCTGGGTGTTGCAGC  
CTTTCAGGACTGCGGCTGCTGTGGCCTACACACCTGGGCCTGTGTGCCTGTCCCGGGCTT



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TAGGCTGCTTTCCCTACCCGGCTCAACCAGTCAGTCCCCGCGTACCTCGGCCGCTCTAGA  
ACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTC  
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>SEQUENCE:3560:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGG  
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C

TGAAAGGCTGCAACACCCAGACCTCCAGGAGAGACCAGGCCAGGATGCCTCGCCTGTTC  
TTGTTCCACCTGCTAAAAATTCTGTTTACTACTGAACCAATTTTCCAGAGCAGTCGCGGC  
CAAATGGAAGGACGATGTTATTAAATTATGCGGCCGCTCTAGAACTAGTGGATCCCCCGG  
GCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCGGTAC  
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>SEQUENCE:3561:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGGAAGCATGGC  
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GTCTTACATGGCTGACGAGGTCCCTTGCCTTCCCTCCCGCCTCATCTTTCAAACGTGTGTG  
TGCTCTTGATGCTCTGGCCACCTTGACCTTCCTTTTGATCCATGAATCCCCGAGTATCAT  
TCTTGCTGGGGGACGCTTTTCTCTTGCTGTCTCCACGGTTGGAATGCACTTTCCCTGGA  
TCTTACAATGGCTGGTGTCTTCTCATCACATGTCACATCCTTAAGAGACGGTTTTTCTGA  
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>SEQUENCE:3562:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCATAATTTAATAACATCG  
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AGGTGGAACAAGAACAGGCGAGGCATCCTGGGCCTGGTCTCTCCTGGAGGTCTGGGTGTT  
GCAGCCTTTCAGGACTGCGGCTGCTGTGGCCTACACACCTGGGCCTGTGTGCCTGTCCCG  
GGCTTTAGGCTGCTTTCCCTACCCGGCTCAACCAGTCAGTCCCCGCGTACCTCGGCCGCT  
CTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCG  
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>SEQUENCE:3563:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGCATAATTTAATAACATCGTCCTTCCATTT  
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GAACAGGCGAGGCACCCTGGGCCTGGTCTCTCCTGGAGGTCTGGGTGTTGCAGCCTTTCA  
GGACTGCGGCTGCTGTGGCCTACACACCTGGGCCTGTGTGCCTGTCCCGGGCTTTAGGCT  
GCTTTCCCTACCCGGCTCAACCAGTCTCCCCGCGTACCTGCCCGGGCGGCCGCTCTAGAA  
CTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGGCGACCTCG  
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>SEQUENCE:3564:prostate\_MPM2000-004P1Novel007-2-Table1

TATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGAACA  
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TAAACAAGTGTATACTAATAACAAGATTAAATATCCAGCCAGTACGCGGGGGGGCTAT  
TTAGGACGGAAGCTCGGTTGGTGTCTTCCAGAAGTTTCCCCCTTGGGCGGTGGTGGAGG  
TGGTAACCGTGATAGTAGCAGCTCCGGCGGCAGCAACAGCGACTACGAGGGATGGCGGCG  
GCTGCAGCAGGAAGTCAACATCCCAGAAGGTTTTTCCAGAGCTTCTCGGATGCCCTAAT  
CGACGAGGACCCCCAAGCGGCGTTAGAAGAGCTGACTAAGGCTTTGGAACAGAAACCAGA  
TGATGCACAGTATTATTGTCAAAGAGCTTATTGTCACATTCTTCTTGGGAATTACTGTGT  
TGCTGTTGCTGATGCAAAGAAGTCTCTAGAACTCAATCCAAATAATTCCACTGCTATGCT  
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>SEQUENCE:3565:prostate\_MPM2000-004P1Novel007-2-Table1

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AGCTCCACCGCGGTGGCGGCCGAGGTACGCGGTGAGGGAAAGCAGCCTAAAGCCCGGAA  
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CAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTT  
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>SEQUENCE:3566:prostate\_MPM2000-004P1Novel007-2-Table1  
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CGCCGACGGGCGCCTGGTTGAATATGACATAGATGAAGTGGTATATGACGAAGATTCCACC  
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>SEQUENCE:3567:prostate\_MPM2000-004P1Novel007-2-Table1  
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CCTTGGAGATATTTAAACATAAATATATACAGAGAGGGTGAAGATGGAGGAGTGCTTTTA  
CAGTTCACAGTCGTCTTTTTCATGTGTGACAGGTTTTTGTGTGTTGCCCAGGCTGGAGT  
GCAATGCCACAATCTTGGCTCACTGCAGCCTCAACTTCCCGGGCTCAATCGATCCCCCAC  
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CAGCCAATACTCTTAACGTTTTTACTTTTCACTTTTAAAAATTAAGTCTTTTTATGAAA  
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>SEQUENCE:3568:prostate\_MPM2000-004P1Novel007-2-Table1  
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AAATTCATCATCATTCTCTCCTTACACCAGTTCTCACCTGACTTTGCCATTTTTCTTA  
CTAAGTACGCGGGGGTTTTTTTTCTTGCTGCAGCAACGCGAGTGGGAGCACCAGGATCTC  
GGGCTCGGAACGAGACTGCACGGATTGTTTTAAGAAAATGGCAGACAAACCAGACATGGG  
GGAAATCGCCAGCTTCGATAAGGCCAAGCTGAAGAAAACGGAGACGCAGGAGAAGAACAC  
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>SEQUENCE:3569:prostate\_MPM2000-004P1Novel007-2-Table1  
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GCCTTACATAAAATGAAACAAACGAAAGTTGATAACACTCAGTCTCTTAATATAATATAA  
ATTAAAACCTAATAACATATAATAGATAATAGGTTCCCGCGTACATGACAAGGTGCGGCT  
CCCTAGGCCCTCCCCTCTTCAAGGGGTCTACATGGCAACTGTGAGGAGGGGAGATTGAG  
TGTGGCGGNGGACTGAGTGTGGCAGGGACTCCCCAGCAGTGAGGGTCTCTCTCTTCTCT  
TGTGCTCTTGCTGGGGCTGGTGGTCCAGGGGTCTTACTCCTTGGAGGCCATGTGGGCCAT  
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>SEQUENCE:3570:prostate\_MPM2000-004P1Novel007-2-Table1  
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GGCATCCTGGGCCTGGTCTCTCCTGGAGGTCTGGGTGTTGCAGCCTTTCAAACCTGCGGGCT  
GCTGTGGCCTACACACCTGGGCCTGTGTCCCCGCGTACCTCGGCCGCTCTAGAACTAGTG  
GATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGG  
GGCCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCA  
TGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATACGA  
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>SEQUENCE:3571:prostate\_MPM2000-004P1Novel007-2-Table1

AGCTCCACCGCGGTGGCGGCCGAGGTACGCGGTGGTCCCTGAGGAGCGACCTGCCGGGG  
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ATGAAAGAAGTCAGAGATGAAAAGATGGGCCAGGAGTCCAGTTTCTGGAAGGCCAAGAAT  
CGAAGTAGCAAGCTGCAGCCGTTTTCCAGACAAGCAGGATGTGGGGATGCAGAAGAATTC  
ANGACTGGAGGGGGCAAACCTCCGTAAGCAGGGGGCTGTCACGATTCCCATCTCCCTCTATAA  
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>SEQUENCE:3572:prostate\_MPM2000-004P1Novel007-2-Table1

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GAGAATGCTGCAAATCAAACCTTGTGACATCCCCTAAAGCTGTTCTTAGAGGGAAATCT  
ACCCAACACACTAAATGCTTACATTAGCAAAGAAGAAAGGCTAAAATGAACGAGCATCCA  
AGTTAACATGTTAGAAAAGGAGCAACAGAGAAGACTCAATAAAGTAAAAGGAAGGAAACA  
ATAAAGATAAGATTAGAAATCAATGCAACAAGAAAACAAAGATAAATGCTGGAGAGGATC  
TTGGTTTTCTGAAAAGACAAATTAATGGGTCTCTTGGCAAGACTGAGAAAGGAAAAAAGA  
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CGTGGACTC

>SEQUENCE:3573:prostate\_MPM2000-004P1Novel007-2-Table1

CGACTCACTTAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACGC  
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GGAGGCCACTGGTTCTCAAACATTAGGGTGCCTGTAACCATACAGAGCTTGTGAAAAG  
TGCAGAAACCTGAGCCTCACCTTATGAGATTCTGATTGAGCCAGGGGGAGGACAGGAATC  
TGATTTTTCATTAGCAACCTCAAGTAATCTTTATTCTGAGGGTCTCGGGATTGCAGGTTG  
AAAAACACAACCTTAATCAGCAGTAAATCTTCTCTACTCGGCCAGGCGCAGCGGCTCAT  
GCCTGTAATCCCAGCACTTTGGGAGGCCGAGGTGGGTGGATCACAAGGTCAGGAGTTCTGA  
GACCAGCCTGACCAACATGGTGAAACGCCATCTCTACTAAAAATACAAAAATTAGCCGGG  
CGTGGTGGTGCTCACCTGTAATCCCAGCTACCCAGGAGGCTGAGGCAAGAGAATCACTTG  
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>SEQUENCE:3574:prostate\_MPM2000-004P1Novel007-2-Table1

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GATGAGCTCAGGACAGAGCCAGAGGCCAAGAAGAGTAAGACGGCCGAGGTACGGGTTCTC  
ACCAAAATTGGGCCTGAGAAATTTGTTATATCCTGCTGTGAGGTTCTCAAAGCCAGGCAG  
GGAAAGCTTGTCACTTCTGCCGACCTCGACGTTGAACTGACTCCCCTGGATGCACATCCT  
CTCAGTGAAGAGACTCAGACACACGAAGGCCAAGTGGAGGCTGTAGTTCATGTTGAGAAG  
CTGCTCACACCAAGGGGCTGAAGTAGGAATCACCAGGTAGTTGTTGAGGCTCTGTTAGGG  
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>SEQUENCE:3575:prostate\_MPM2000-004P1Novel007-2-Table1

AGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACGCGGNGGGAATGATGCGTATATGA  
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TCTGGCACAACCAGTTCTTTCCCCGAAGCAGCTGTTGCCACCACCCTCTTCCTGCCAGGC  
AGTGGAGGAAGGTGCTTGCAGGAGCTGCGGACACACTGTTGTGTGTAGGATCTACTTAGC  
TGGCCTCATGTTCTGCTTTTGCTGGCAGAATTCCTTGCTGAAGCTGTAAGCCCTCGAATC



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TGATCTGTGCTCTGCATTTTTTAACAAACCAGGAAGAAGCTGCTCAGGTGCATGGAGTCAA  
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GATACAGGGCTGGGGGTTGTCCCAAATTGTACCTCGGCCGCTCTAGAACTAGTGGATCCC  
CCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCG  
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TAGCTTGTTCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAGCCGGG  
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>SEQUENCE:3576:prostate\_MPM2000-004P1Novel007-2-Table1

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCATAATTTAATAACATCGTCCTTCCA  
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TCAAGACTGCGGCTGCTGTGGCCTACACACCTGGGCCTGTGTGCCTGTCCCGGGCTTTAG  
GCTGCTTTCCCTACCCGGCTCAACCAGTCAGTCCCCGCGTACCTCGGCCGCTCTAGAACT  
AGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGACTACCTCGAG  
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>SEQUENCE:3577:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAATCAGTATCTG  
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GAGTTAGTCCACTCTTCTTGCCCGTAGGAATCATAAGTCTCCTCACTGAGTCCATGTCCG  
TAATCATAGTAATCAGCACCACTGCAGTGCCACCTTGGGAGTGTGGCTTCCACGTGGGAG  
TCTTCCTGTTTCATCTGCCAAATCAGGGGCTGGTCTAGACGCCGCTCAGGTCTCCTGGCAG  
CTCTAACATCTTCCATGGCTCTTTCACAGCATCTAGCTCCACAGTAGTCAACATAATTTC  
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ACCTCAGTCTTCTTTCCAAGGGTC

>SEQUENCE:3578:prostate\_MPM2000-004P1Novel007-2-Table1

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AGGCTGCAACACCCAGACCTCCAGGAGAGACCAGGCCAGGATGCCTCGCCTGTTCTTGT  
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GGAAGGACGATGTTATTAATTATGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGC  
AGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAGC  
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>SEQUENCE:3579:prostate\_MPM2000-004P1Novel007-2-Table1

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCATAATTTAATAACATCGTCCTTCCA  
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CAAGAACGGGCGAGGCATCCTGGGCCTGGTCTCTCCTGGAGGTCTGGGTGTTGCAGCCTT  
TCAGGACTGCGGCTGCTGTGGCCTACACACCTGGGCCTGTGTGCCTGTCCCGGGCTTTAG  
GCTGCTTTCCCTACCCGGCTCAACCAGTCTCCCCGCGTACCTCGGCCGCTCTAGAACTAG  
TGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGG  
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>SEQUENCE:3580:prostate\_MPM2000-004P1Novel007-2-Table1

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GCAAATGAGCTGACACAAGTCATGTCGTGTGCAATCAAGATAGGATCCCAGACATCTTCA  
GAATGGTTTACAGTCACAAGAAATAAAGTTCCAATGAAGTGGTTGGCATTGGAAGCACA  
CTGTTTTAAATATATCTCCCTGAAGGTATGTTTATATATTAGTGCCTGGTCAATATCTG  
ACACTATCTGTCATTTTATTGCAAAAGGATATCAGGGCAATTAATAGGAGGGATCTTAGC  
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>SEQUENCE:3581:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTAC  
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AGGGAGAAGCCACCTGCTACACGCTGGATGCTGCAGCCTGTGCCACTGTGGCTTACATCG  
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AGTGCTTATCAATCCTGTCCCCGCCACACCACCAACATACACAGAAAAAAGCAGGCAAT  
GAGTTGGCTCCGGGATGACCTCGTATGAAGACGTTTCATTCTTAGTCTTGGCAATTGAC  
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TCGATATCAAGCTTATCGATACC

>SEQUENCE:3582:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTGTTACTT  
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GTGGTGGCCTCTTGGTCCACTCAGCTTGCACACATGCAAGAGGAGGGTCTGTGGCCCCCTC  
AGCCTGCTGGTGGCCTCCTTCCTCAAGCTTTAACTTGTGCCCTCCCTGGCAACAGGGAGT  
CATGGGTAAATGTCACCTGTCATGCCTCTTCTTCAGGGAAAATATTAAAAGGCTCAAAT  
CCAAGCTGTGACTTCCCTTAGACAGTGTAAGCCTGTAGGGTGCAGCCCCAAGTTTATGTC  
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GCAGTTCACTGGCCTTTTC

>SEQUENCE:3583:prostate\_MPM2000-004P1Novel007-2-Table1

GCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGATAATT  
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GTCTGGGTGTTGCAGCCTTTCAGGGACTGGCGGCTTGCNNTGTGGCCTACACANNCTGG  
GCCTGTNNGTGCCTGTCCCGGGCCTTTAGGGCTTNGCTTTCCTTACCCGGCTTCAACNN  
CACCCCGCGTACCCTCGGCCCGCTCTTAGAACNNTAGTGGATCCCCCGGGCTGCAGGGAA  
TTCGATATTCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTT  
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TGTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAGCCG

>SEQUENCE:3584:prostate\_MPM2000-004P1Novel007-2-Table1

CAGGTACAAAGCAACCTGGTTGGCCAATAGTTGAATTGACAAATGAGATCAATTAAGCAG  
TGGCTACTTGTCAAGCCAAAGTATTTATTAGGTGTTTATAAAATCTTGAAATTACTCAT  
ATTCACAACTTTTTGGACACAATTTGCATAAAGAGGAATATATTTGTAAACAAGACCTC  
TGACTTGTATAAGTTCCTTGGAAAACAGGCAAAGCACTCTTATATATGCAGAATTATTTT  
AATTATTTCAAAGATCAAAGTTCCCACTCTTGGCTCCCCAACTTGCCTGTTTCATGTTTAT  
AGGACTCATTCAAGAATTTTCTATATCTCTATCTTATATACTCTCCAAGTTCATAATGCT  
GCTCCATGCCCGAGCTGGGTGAGTTGGCCAAATCCTTGGGGCCATGAAGATTCTTTATGG  
GGTCAGTGGGAAAGGTGTCAATG

>SEQUENCE:3585:prostate\_MPM2000-004P1Novel007-2-Table1

GCTCCACCGCTGTGGCGGCCGATAACTAATAACATCGTCCTTCCATTTGGCCGCTACTGC  
TCTGGAAAATTGGTTCAGTATTAACAGAATTCTAGCAGGTGGAACAAGATCAGGCGAGG  
CATCCTGGGCCTGGTCTCTCCTGGAGGTCTGGGTGTTGCAGCTTCAGGACTGCGGCTGCT  
GTGGCCTACACACCTGGGCCTGTGTGCCTGTCCCGGGCTTTAGGCTGCTTTCCCTACCCG  
GCTCAACCACCCCGCGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGA  
ATCCGATATCAAGCTTATCGATACCGTCGACCTTGAGGGGAGGCCCGGAACCCAGCTTTT  
GCTACCTTTAGTGAGG

>SEQUENCE:3586:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGGCGAATGGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTTTGCCCTCAGGCGA  
GGAAGGGGAATATGTCCTGGCACTGAAGCAAGAGCTACGAGGAGCCATGAGGCAGCTCCC  
CTACTTCATCCGGCCAGCTGTCCCCAAGGGAGATGTGGAGCGTTATTCAGACAAATATCA  
GATGTCAGGTCCGATTGACAATGCCATCGATTGGAACCCTGATTGGCGGCGTCTACCCCG  
GGAGCTAAAGATCCGAGTGCGGAAGCTACAGAAGGAACGGATTACAATTCTGCTCCCCAA  
GAGGCCCCCTAAGACCACAGAAGATAAGGAGGAAACAATACAGAACTAGAGACCCTGGA  
GAAGAAGGAAGAAGAAGTAACCTCAGAGGAGGATGAGGAGAAAGAAGAAGAAAAAAA  
AAAAAAGTACCTGCCCGGGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAA  
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>SEQUENCE:3587:prostate\_MPM2000-004P1Novel007-2-Table1

ACTATTGACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACACCAATCA  
AACATAGTGTGTCCAGAATTGGTGGGTTCTTGGTCTCACTGACTTCAAGAACGAAGCTGC  
GGACCCTCACGGTGATTCTAAGCACATTAAAATCTGGATGACACTTATCTGAATCATTTT

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GCACTTGAGAGAGATGGAGAAGACACGCATGGTGTAACTGGGCATCACCAGAATGTGCAC  
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CTAAATTAGACAAAAAGGAAGAAACACAACAGAGTCCATAATTCTGAGAGGAAGAGAAGA  
GTGATCATCAGCAGCAAAAGGCAATTGCAGAGAAGCACCACCAAGAGCCAGCTTCATGCT  
CAGGAGTGAATGCTGAGCCGCCTCCTCGTGGTTTCCGGTGCTCCACATGTTTCAGAGAAAC  
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CC

>SEQUENCE:3588:prostate\_MPM2000-004P1Novel007-2-Table1

CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGGTC  
C

GCCCTCCCTTAAGATCACGGAAGTATCACGCTTGCCTCTTACACAACCTTTTTTTCCTTAG  
TCTGTATACTTTCTGCTGTCACTAGCATAACAGAAAAGACGAATGGCTTTTGTTTTAAAC  
TGAGGGCACTTTTACAAAAGTCATCTTTCCATTTATTTTTCTTTCAGAAAAAGAATTTG  
GGTTTTGAGCTTTTTTAAAAAAAAGACAAACACTTTCTTGACTTTGAGAAATAATTT  
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>SEQUENCE:3589:prostate\_MPM2000-004P1Novel007-2-Table1

GAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTTTTTTTTTTTTTT  
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TGCTTTAAATGCATTTTCATGGTTCAAAATAATAGCACTATTAATAAATGTTTCTTAACA  
AGGATTTGTTTTCTCCCTAAGAAGCTTAATGTGGACACTACAAATAATGACCAAAGCTGC  
TGAGTATGGCATAACAAAGAGAGAAAACAAAGCACTCATCCTGTCTCCAGATCATGCCCAG  
AACACTGTCTACCAACATGTGGCTTGCCAACTGGAATGATGCAAATGTCAGACCCACATC  
TGTGGAAAAGGGGCTCGTCCCACAGGAAACAAGCTATTGGGGAATGGGGAGAATGATATA  
ATTAGAAATTTAAGACACAGTATAACTCAGAAAAATGTTGGCTGGGCAGCACATTGCTAA  
GACTTGAAATCTTTATTTTGTCTCTTTTCAAAGCCCTGTGAGCATAATGA

>SEQUENCE:3590:prostate\_MPM2000-004P1Novel007-2-Table1

GTCTGCACGTCTACTGTGGGGCGCACAGCACAAATGGACCCAGGGCCTGGGGCTCCAGGG  
CAGTTGCTGCCACACCCGCCGGGTCTACCACACTACACTGAGAAACGTCACACGGAGTTG  
GAAAAAGCCACAGCTTGCTCAGCTTCCGACAAAGAGCGGATTACAGTCCGTTTCGATCT  
CAGAGAACTGAGTGGGGCACCCAC

>SEQUENCE:3591:prostate\_MPM2000-004P1Novel007-2-Table1

CTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCATAATTTAATAACATCG  
TCCTTCCATTTGGCCGCGACTGCTCTGGAAAATTGGTTCAGTAGTAAACAGAATTCTAGC  
AGGTGGAACAAGAACAGGCGAGGCATCCTGGGCCTGGTCTCTCCTGGAGGTCTGGATGTT  
GCAGCTTTCAGGAACTGCGGCTGCTGTGGCCTACACANCCTGGGC

>SEQUENCE:3592:prostate\_MPM2000-004P1Novel007-2-Table1

ATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGGGCAGCCTAAAG  
C

CCGGGACAGGCACACAGGCCAGGTGTGTAGGCCACAGCAGCCGCGAGTCCTGAAAGGCT  
G

CAACACCCAGACCTCCAGGAGAGACCAGGCCAGGATGCCTCGCCTGTTCTTGTTCCACC  
TGCTAGAATTCTGTTTACTACTGAACCAATTTTCCAGAGCAGTCGCGGCCAAATGGAAGG  
ACGATGTTATTAAATTATGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAAT  
TCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGT  
TCCCTTTAGTGAGGGTTAATTGCGCGCTTGCGGTAATCATGGTCATAGCTGCTTCCTGTG  
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>SEQUENCE:3593:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACAGGGGAAAAGAGCTC  
T

CCATTTCTCAGCAGGGGACACCCTGGTCCCCACTGCCACTTTGTTTGCCCTCCAAGGGAA  
AAACCTCTCAATACCAGGTCCAGGAGCAGCTGGATGGGATCACTCAGAACCCGGCCGCTC  
TAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGA  
CCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCT  
TGGCGTAATCATGGTCATAGCTGTTTCTGTGTGAAATTGTTATCCGCTCACAATTCCAC  
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&gt;SEQUENCE:3594:prostate\_MPM2000-004P1Novel007-2-Table1

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A  
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CCCGGGTTCCGATCGCTTTGCCCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGG  
AATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTT  
TGTTCCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCT  
GTGTGAAATTGTTATCCGCTCAC

&gt;SEQUENCE:3595:prostate\_MPM2000-004P1Novel007-2-Table1

TAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACGCGGGGGACG  
CC  
ACTGCGCACGCGCGGCCCTTCTACCGTTCCCGACTCCGCGGCTCTTAGAGGGTGGGCTG  
TGTCGCCGGCTGCGGAAACGCCAACTCCAGGCGATTGGCGCGAAGGAGGCGAAAAGGGCG  
G

ATTCCCTTTTCCGGTTCGGGGCCCGGGCTGAAGGTCTAATCCCGAAGCTGGGGTTACTAG  
GTGAACACGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGC  
TTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGA  
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&gt;SEQUENCE:3596:prostate\_MPM2000-004P1Novel007-2-Table1

TACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTCTGGGAGTGTCTG  
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GTGCCGCCGACCGTTCGCTCTTCCGGCCAGGTGCTTTTCTGTCAATTTCTATGGAATGC  
AAAAGGAGGTTTTTGTATTTTGTCTTTTGGAAAAGGTTAAAAAAAATTTACAT  
TTTATACTTGAGCCTCCATACTTAAAAAAGAAAAGAAAAGAAATTAATAAAAAGAACT  
GGGGCTCAAATAAATAAATAAATAAATAGTTCCTCGGCCGCTCTAAACTAGTGGAT  
TCCCCCGGTCTGCTGGAATTCGATATCAAGCTTATCGATACCGACGACCTTTAGGGGGGG  
CCCGGTTCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCTCGCTTGGCGTAATCATG  
G

&gt;SEQUENCE:3597:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTAC  
C  
AGTTGTAAAATTACCAGGAACCGCCATGCCTCAAGATCGCCCTGTTTTCTGGCTTCATCA  
ATGACTGCATGCAGTGCACCACCCTGTCCACTACGTGATGCTGTAGGATTAAGTCTCACA  
GTGGGCGGCTGAGGATACAGCGCCGCGTCTGTGTTGCCGGTGAATTAGACGCCATCGCT  
GTGGGTTGCTGGTATGGTGCCGTGCTATTTGGCACAGGACACACCGCTTGAGGTCTGTAT  
TGAACCTCTGAAGGAGGCCGATACTGAAGCTCGGTTGGCAGCCGGTATTGATAAACTACC  
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GCCGGGATAGAGACTCTGTCCCTTTCTACTTGATTTTCTCTTGGGGT

&gt;SEQUENCE:3598:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGAGGGAA  
A  
GCAGCCTAAAGCCCGGGACAGGCACACAGGCCAGGTGTGTAGGCCACAGCAGCCGCAG  
T  
CCTGAAAGGCTGCAACACCCAGACCTCCAGGAGAGACCAGGCCAGGATGCCTCGCCTGT  
TCTTGTTCCACCTGCCAGAATTCTGTTTACTACTGAACCAATTTTCCAGAGCAGTCGCGG  
CCAAATGGAAGGACGATGTTATTAATTATGCGGCCGCTCTAGAACTAGTGGATCCCCG  
GGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGTA  
CCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAG  
CTGTTTCCTGTGTGAAATTGTTATTCGCTC

&gt;SEQUENCE:3599:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATCCTCAT  
AGAGAATCTCAGTGGATTAAGGCAGCTGTAACCTTGTTTTGGACTGCAGTTACAGAGGCCA  
AGGTATAGAAGAAAGGTAACGAGAGTGCCAGGATAGGAAAGTTCTGAGATGAAGACAACC  
TGGCAGCTCAAAGTCACAGTTCATGCCCTGTTGCTTCAGACCAAATCCCTCTACAGCCT  
GAAGCAAGCTGGCCTTGCCACAGAGAACTGCCTTTCTCCATATGCAGCCACCTCCCTCA  
GGGCAATTCCTTGCTTGATCCTCACTGCACCTGCTTCACCAGCATCTTGGCTCTTCAT

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CTCCCTACCCCCAGAGAAGCTTTCCATTTAGGAGCTCGCAACGCCCTTCCTAGGCCATGC  
CAGTGTTTTAATTTGCTGGAGACTAGCCCACAGGAACAATAGTGGCTGTG

>SEQUENCE:3600:prostate\_MPM2000-004P1Novel007-2-Table1

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACTTTTTTTTTTTT  
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GCCTCAGGGAGTATGCCTACACGAAAGCTTGGTAAGGACATGTTGGCGTCTCCGCTGGAC  
GAGGGCGACCGAACACCTAACCTAAAGCCCGTGACACTGCAACAGGTGCTGCCCACGCTT  
GCACCGTACGAAGAAAAGCGCGGCCTAAAGCGCGAGTCTGGTGACTTGGCACCACCGTG  
CAGCTGATGGTACCCAAGCGCCAGCGACTGGAAGATGTCTTGGAATAATGACCGTGGAG  
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GTGCATACCGTGGA

>SEQUENCE:3601:prostate\_MPM2000-004P1Novel007-2-Table1

GACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGCCAT  
C  
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GCCACCGATCATGGAAGAAAGTATTACTTTNTATTTACCAAACATTTTAAAGATGTTGGA  
AGATCCATATGCTGCCTGGAGGCTGTTGTTTCTAGGGACACAAGTATCCAGCCTATATTG  
TTACAATTTTTTTCAAGAACTGCCGTCTTCTTTGTCTGCACTAATGGAACATCATCTTCA  
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CCCAGAGGCAGAAAGTAATATTG

>SEQUENCE:3602:prostate\_MPM2000-004P1Novel007-2-Table1

TAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGAGCAGCCTAAAG  
C  
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G  
CAACACCCAGACCTCCAGGAGAGACCAGGCCAGGATGCCTCGCCTGTTCTTGTTCCACC  
TGCTAGAATTCTGTTTACTACTGAACCAATTTTCCAGAGCAGTCGCGGCCAAATGGAAGG  
ACGATGTTATTAAATTATGCGGCCGCTCTAGAAGTGTGGATCCCCCGGGCTGCAGGAAT  
TCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGT  
TCCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTG  
TGAAATTGTTATCCGCT

>SEQUENCE:3603:prostate\_MPM2000-004P1Novel007-2-Table1

GGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACGGCTTCGGAGGCT  
A  
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GCTCATCTGAGGAGTTGGACACTTGAATGCGTAAAGTGCAACAGTAACGATGTTGGAAGG  
CTTATGATTTTACTGTGTATGTATTTGGGAGAAGAAATCTGTGCTAGCTCCCAAAGGATAA  
ACCAGCAGTTGCTTTATTGGTCTACAGATGTGGCTGCAACACTTGAGACTGAACTAAGC  
TTAAACACGGTACCTGGGCCGTTCTAGAAGTGTGGATCCCCCGGGCTGCAGGAATTG  
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CTTTAGTGAG

>SEQUENCE:3604:prostate\_MPM2000-004P1Novel007-2-Table1

TAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGACACAGGCCAG  
G  
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CCAGGCCAGGATGCCTCGCCTGTTCTTGTTCCACCTGCTAGAATTCTGTTTACTACTGA  
ACCAATTTTCCAGAGCAGTCGCGGCCAAATGGAAGGACGATGTTATTAAATTATGCGGCC  
GCTCTAGAAGTGTGGATCCCCCGGGCTGCAGGAATTGATATCAAGCTTATCGATACCG  
TCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCG  
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CCACACAACATACGA

>SEQUENCE:3605:prostate\_MPM2000-004P1Novel007-2-Table1

ACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGGAAGCCGC  
C

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CAGTGCCCTGAGCGTCTCCATGGCCTGCCTGAGCCCCTCGCAGCTCCAGAAGTTCCAACA  
GGATGGATTCCTGGTGGTGGGAAGGATTCTTGTCTGCAGAAGAGTGTGTG

>SEQUENCE:3606:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCATAATTTAATAACATCG  
TCCTTCCATTTGGCCGCGACTGCTCTGGAAAATTGGTTCAGTAGTAAACAGAATTCTAGC  
AGGTGGAACAAGAACAGGCGAGGCATCCTGGGCCTGGTCTCTCCTGGAGGTCTGGGTGTT  
GCAGCCTTTCAGGACTGCGGCTGCTGTGGCCTACACACCTGGGCCTGTGTGCCTGTCCCG  
GGCTTTAGGCTGCCCCCGCGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGC  
AGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAGC  
TTTTGTTCCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTT  
CCTGTGTGAAATTGTTATCCGCTCACA

>SEQUENCE:3607:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCATAATTTAATAACATCGT  
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GGTGGGAACAAGAACAGGCGAGGCATCCTGGGCCTGGCCTCTCCTGGAGGTCTGGGTGTTG  
CAGCCTTTCAGGACTGCGGCTGCTGTGGCCTACACACCTGGGCCTGTGTCCCCGCGTACC  
TCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCG  
ATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTA  
ATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCTGTGTGAAATTGTTATCCGCTC  
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>SEQUENCE:3608:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACGCGGG  
G  
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ATGCCAAGCGGCCTTGGCGCCCCGAGGAGGCAGTAGATGATCCCGACGAGGAGGATGAG  
G

ATAATACTTAGTGAAGCCGAGAATGGGTTCTCCCTGGAGGAAGTGTTACGGCTCGGAGGC  
ACCAAGCAAGATTACCTTATGCTGGCTACTTTGGATGAAAATGAGGGAAGTGATAAAAGG  
AGGCCAAAAAGGGAGCCAATCGATGACCTTTTACAAGGGGGAATTGGGGAGCCTTTTTTT  
TAAAAAATTTTTATTTTGGGGAAAAGTTTTAAAAAAGCTTTCTTTTTTTTGGGAAAAAAT  
AAAACCCCTTTAAAAAATAAATTTCCCCCAAAAAAAAAAAAAAAAAAAAAA

>SEQUENCE:3609:prostate\_MPM2000-004P1Novel007-2-Table1

GGCAATTGAGCTCCCCGCGGTGGCGGCCGACGCGGCCAGGCACTCACGAGAGGAAGATG  
A

CTTCATTCAACAACTCAAAGCGGCACTCAGACTTAACGCGGCCATAAACGCGGCGGAAAC  
TACAGTGCCACGATGCACCGCGCCAGCCCCGGCCGCTCTAGAACTAGTGGATCCCCCGG  
GCTGCAGGAATTTGTTATTAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCGGTAC  
CCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAA

>SEQUENCE:3610:prostate\_MPM2000-004P1Novel007-2-Table1

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCATAATTTAATAACATCGTCCTTCCA  
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CAAGAACAGGCGAGGCATCCTGGGCCTGGTCTCTCCTGGAGGTCTGGGTGTTGCAGCCTT  
TCAAGACTGGCGGCTGCTTGTGGCCTACACACCTGGGCCTGTGTGCCTGTCCCGGGCTTT  
AGGCTGCTTTCCCTACCCGGCTCAACCAGTCAGTCCCCGCGTACCTCGGCCGCTCTAGAA  
CTAGGGGACCCCCCGGC

>SEQUENCE:3611:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTT  
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AGCTATCTGATTGCAATGTAATTCTGACCCTGAGTGAAGGAAAAAAGGAAGGAAGACTGG  
GGAAGAGTCCCATGCCTGTCTTACAGGTCCAGGGAAAGTTTGGTTTGGCAAGGCCATCAT  
GGAGTCGTTAATCAAAAACCAGCTGCCAGGGGAGTCCCATTTGTCTCCCAAATAGCAGGC  
CTTAGCACTAAGTTATGAGCTAGGTGCAGCCCGTAAGAACTGTGGCTTCCCTTGGCGGGA  
TCATGGAGATTTCAACTCGCAGCCGGTTAACTCCCTATCGAAAGAAGGCTGGGAGGCACA  
TTCTCATGGCTGCCACATTCTATCCTGTGCATTCTTAACATTCTA

>SEQUENCE:3612:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGTGTTACCTAGTAAC



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CCCAGCTTCGGGATAAGGACCTGCAGCTCGGGCGCGACCCGGAAAGGGAATCCGCCCTTT  
TCGCCTCCTTCGCGCCAATCGCCTGGAGTTGGCGTTTCCGCAGCCGGGACACAGCCCACC  
CTCTAAGAGCCGCGGAGTCCGGAAACGGGAGAAAGGGGCGCGGTGCGCAGTGGCGTC  
C

CCCGCGTACCTGCCCCGGGCGGCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATT  
CGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCCGGTACCCAGCTTTTGT  
TCCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCAT

>SEQUENCE:3613:prostate\_MPM2000-004P1Novel007-2-Table1

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGGACATCCTCATAGAGAATCTCAG  
TGGATTAAGGCAGCTGTAACCTGTTTTGGACTGCAGTTACAGAGGCCAAGGTATAGAAGA  
AAGGTAACGAGAGTGCCAGGATAGGAAAGTTCTGAGATGAAGACAACCTGGCAGCTCAAA  
GTCACAAGTTCTTGCCCTGTTGCTTCAGACCAAATTCCCTCTACAGCCTGAAGCAAGCTG  
GCCTTGCCACAGAGAACTGCCTTTCTCCATATGCAGCCACCTCCCTCAGGGCAATTCT  
TGCCTTGGATCCTCACTGCACCTGCTTCACCAGCATCTTGGCTCTTCATCTCCCTACCCC  
CAGAGAAGCTTTCCATTTAGGAGCTCGCAACGCCCTTCTAGGCCATGCCAGTGTTTTAA  
TTTGCTGGAGACTAGCCACAGGAACAATAGTGGCTGTGTGT

>SEQUENCE:3614:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTAC  
C

CAATCCTGTCCTTGCCGGTCCCTCCTCGCCGGGTGGGAATCTTCGTGGATTATGAGGCC  
ATGACATTTCTTTCTACAATGTGACTGACTATGGCTCCACATCTTCACTTTCCCCGCTA  
TCCCTTCCTGGGCGCCTCTGCCCTATTTTAGTCCTTGCTACAGCATTGGAACCAACAACA  
CTGCTCCTCTGGCCATCTGCTCCCTGGATGGGGAGGACTAAGAAAGCTACCACCCTAACC  
ACAGAGGCTTGGAATTGGGCCTGGCCCCCATGGGGCTTGGAGGACCGAGCCACTGACAGG  
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TTTGCTACCAGGCTGAAGTCTGTCTATGAAACCACTTATTTTAAAAAG

>SEQUENCE:3615:prostate\_MPM2000-004P1Novel007-2-Table1

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GAGGCCAAGAGCACCACCTGGCTGCACCCCGTCACCGGCGAGGCGGTGGTCACCGGACA  
C

CGGCGGCAGAGCACAGATTTGCCTACTGGCTGGGAAGAAGCATATACTTTTGAAAGTGCA  
AGATACTATATTAACCCATATTGAAAGGAAAGTGACCTGCAAACATTCAAGTCACAGGACA  
ACCATCACAGGACAATTGTATTTTGTAGTGAATGAACAGACTGTTGCAACCATGACATC  
TGAAAAAAAAAAAAAAAAAA

>SEQUENCE:3616:prostate\_MPM2000-004P1Novel007-2-Table1

ATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTAC  
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TATTGCAGGCAACAAGGACCTTTCATACAGGGCAGCCACACCTTGTCCCTGTACAGTGGA  
CAGCTTAGCATGTTGACAACCTGAGAATAAAATGCTCAGTTCTGAACTGGACAATGTAAGA  
CACAACGACGAAACACTGGAAATGGAAATTCAATTACATCATTGTAGACTGGCTACTGCT  
CTACATGATTGTGACCAAAGTCAGAGAGCTGAAAGAGACTTCTTTCCAGAGAACAAAGATA  
TGAACAGGTTTATTTACAGAAGACAATGAATTCTCATTTGTCTAACCTAAAAGATTACAG  
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>SEQUENCE:3617:prostate\_MPM2000-004P1Novel007-2-Table1

ATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTAC  
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ATGAAGAAATATATAAATCTTTAAACACAGTCAAACTTTTAAATGCTCCTCTCTCAATAT  
TTGATAGGGCAAATAAACAAAATTTTATAAGGATATGAAACATCTGAATAACATAATTAG  
TGAATCAAAAGAACTGACATTTATAGAACAAAGTACTTTTTTTTTTTTTTTTTTTTTT  
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>SEQUENCE:3618:prostate\_MPM2000-004P1Novel007-2-Table1

GCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACCTGTTTAGCCACGATGGCCGCCAGG  
C

GGCCCAGGAGATGGCCTCGACCATCAAGCACCAGGACCTGCACCTCCGCCATCTTCGGCA  
GCCGCTTGGAAGAGCCCCGCGTACAGAATGGATTTTGAAGAGGGAGTCACCACTGGACC

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TTCAAGGGAGCCACGTGCAGACATCTACAACCTTCGATCTCCTGACGAGTTTATTGTTGG  
CCAAAACCAGGCTTTGATTGAACCAGGATGAATGCGGGTGTGGGAAGTAGAATATATATA  
TACATATAAAATTGGTTGGGAGCCACGTGTACTTTTCATTTTGGCTCACCGTGGATTTTC  
TCATAGGAAGTTTGGTCAGAGTGAATTGAATATTGTAAGTCAGCCACTGGGACCCGAGGA  
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>SEQUENCE:3619:prostate\_MPM2000-004P1Novel007-2-Table1

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GGACCTGCACCTCCGCCATCTTCGGCAGCCGCTTGGAAGAGCCCGCGTACAGAATGGAT  
TTTGGAAGAGGGAGTCACCACTGGACCTCCAAGGAAGCCACGTGCAGACATCTACAACCT  
TCGATCTCCTGACGAGTTTATTGTTGGCCAAAACCAGGCTTTGATTGAACCAGGATGAAT  
GCGGGTGTGGGAAGTAGAATATATATACATATAAAATTGGTTGGGAGCCACGTGTACT  
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>SEQUENCE:3620:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACGCGGG  
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AGGACCTATTACTATAAATGAGAGGGAGGAAGGACCAAGGATGCTTCTTATGTAGCTGCC  
TTCTATTCTGGGTGACTGGTTGCACAGTCTCCTTAGAGAATCCAGGAACAGAGAGAATA  
TATACCTTCCACTGGAAGAATCTCAAACAGCGCTGCTTACTCAGGATCAGTGGCACCAAGC  
CAACTCAGCTTTGGGACAAACCCAGCCAAGTGACCAGGACACTTTAGTGCAAAGAGCTGA  
GCACATTCCAGCAGGGAAACGAACCTCCGATGTGCGCCCATTTGTAACC

>SEQUENCE:3621:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCGAACGCTGACAA  
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CGGCGGAAACTACAGTGCCACGATGCACCGCGCCAGCCCCGGCCGCTCTAGAACTAGTG  
GATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGG  
GGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCA  
TGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCACACAACATACGA  
GCCGGGAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTAACTC

>SEQUENCE:3622:prostate\_MPM2000-004P1Novel007-2-Table1

GCGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAAAAGTTAAGCTCCATTTACC  
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GAGAAACCAGATCATATTGCAAGCTGTAGGTGGGTGGGTGAGTGTGTCCCCTCCCACACT  
GCTCTCTGGTGGGTTTGGGCAAGTCCCTGGCTCTAGTCTCTGCTGCAGATTCTCAGGACCA  
AAATGTGGGTGATTTGTCTGGGTCCAGGCAGGAGACAGAAATCACACAAGCTCTTTTATT  
AGAGATAATATAAAGAATGATTAACCAGGTGACAGTAAAGGGCAGGAAGGGAATACAAAG  
GTATCCATGGAGGTAGCACCAAGGAGGAGGATCACACTTGAGGCTTGGGAACAAGGG  
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>SEQUENCE:3623:prostate\_MPM2000-004P1Novel007-2-Table1

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TGCTGCGGAAGAATTTTGGCCAGCTGTGAGACGACGAGTGCCTGAAGTGAAGGCGATTG  
AGAGGGGCTGAGGGAATTGTCTCTGTGGAAGGGACTTTCTTTTGGCCCTAGGCCCTTC  
CTGCCCTGTGCTCAGCAGAGAGATGGAAAACCTTGATGACTAGCTCCACCCTACCGCCCC  
TTTTTGAGATGAAGACGGTTCCAAGGAGAGTAATGATCTGGCTACCACTGGGTAAATC  
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>SEQUENCE:3624:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCATAATTTAATAACATCG  
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AGGTGGAACAAGAACAGGCGAGGCATCCTGGGCCTGGTCTCTCCTGGAGGTCTGGGTGTT  
GCAGCCTTCAAGACTGCGGCTGCTGTGGCCTACACACCTGGGCCTGTGTGCCTGTCCCG

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GGCTTTAGGCTGCTTTCCCTACCCGGCTCAACCAGTCAGTCCCCGCGTACCTCGGCCGCT  
CTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCG  
ACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGC  
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>SEQUENCE:3625:prostate\_MPM2000-004P1Novel007-2-Table1

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GCCTCATCCCACTGTTTGCTCGTTATGTAGACAGGATAGTTGTTCAACAGCTGCTTGCTT  
CCCTCTGTGCGGTGGTCAGCTGGCTGTGGTATCAGGAGTTGGTTGTGGTGCTGCAGAACC  
ATCTTCAAGTAATCTAAAACGGTCTGGCAGGGCACTGGGATGCTCTCTAATTTCTTCTG  
AGCTCTTCATTTTCTTGTTGCAGTGAAATAACCTCCTGCTCCAGCTCTTGGCATCGAGGA  
CAATAGCCTTCTCGTCCTCCTCCTCCTCCTTCTTCTGGCAGTGTAGATGAAGATGGGTGG  
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>SEQUENCE:3626:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTCCTTCTTCCGCC  
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TCTCCTCTGCCTTGGTGAGGGGCAGGTGAGAGGGCAGGGAAACCCCTTCTGCCCCAGCA  
GACGCTTCTCCTCATCGGTCAGGAACAGGGTTTGACAGGGCAGCTGGGGGTAGGGGCAGG  
AGAAGATGCAATAGGAGTGAGGAGGGGGTTCATCCCATTTGCAGCACCCAGGCTACTCCCC  
CCACATGCCTTCTGGAGAGTGTTTCTCCTGAGGAGACAATTTAATCTAAAGGTGGGGT  
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>SEQUENCE:3627:prostate\_MPM2000-004P1Novel007-2-Table1

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TCCTGCCCTCTTTAAGAGGAGCTTAATAAAATGTAAATATGCAGAATGTTTACTTTTGA  
TTGTCCCATGGTGTCCCTGGAATGCTCCGAGTGACACAAGCTTACCGCAAGGCCGACCACA  
CGTTCTCGGGAGTTCCTGGACAGACCGTTCTTCAACAGACACGCTCAGGTGTAACCTC  
ACCTGGGTTCAAGGAGACCGTGTTGGGTGCCAAAGATGTAGGGGAACCTGCCTGATACAC  
CACCCGCAGGCTCTCCCCTTCCCGGTGGAGACGAGGGAATGAGAAAAGAAATAAAGACAA  
AGACACAAAGTTTAAGAGTTAACAAAA

>SEQUENCE:3628:prostate\_MPM2000-004P1Novel007-2-Table1

TAATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGGGGGGCGGCCGCCCGGCCAG  
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CACCCACTACCTAAAAAATCCCAAACATATACTGAGCCCCTCCACCCCATTTGCTCACA  
CTATCCTGTCATCTTTGTATTCTTGCTGCAGTTCCCTTTGGGTTCCATGTTTTCTTGT  
CCCTTCCATGCCTAGCTGGATTGTAGAGTTAAGTTTATGAATATGAAATAAAATCTAAAT  
AGGCCGGGCGCGGTGGCTCACGCCTGTAATCCCAGCACTTTGGGAGGCCGACGCAGGCG  
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>SEQUENCE:3629:prostate\_MPM2000-004P1Novel007-2-Table1

CGTATACGACTACTATAGGGCAATTGAGCTCCCCGCGGTGGCCGGCCGAGGTCCAAAGCA  
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CCAGGAGCTGTGACTTGAACCTTCACAATCTGCAGGGTCCACCCAGGAGCCGTGTCCTCCT  
CACAGGCAATTGGATCCCCTCCTCTCTCAACCTGTGTGGGAAGATTTTGTGAGCAGCCTC  
GGCGCACCGGATGTCGTCTTTGCCATCCCCAGTGGGCGCTGGGGCCGCGTCTGGAGAGA  
C

GGTGGCTCTCCCCGCGTACTTTTTTTTTTTTTTTTTTTTGAAGTGAATGCGAGGATTTAATA  
CCAATGCGGGCACAAGAATTTTCTTAGAAAAGGTGAGTGGGGAGGGATCATGGACACCTT  
GGTTTCAACAACCTCAACTCCTTCATACACCATCT

>SEQUENCE:3630:prostate\_MPM2000-004P1Novel007-2-Table1

ATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAATAAAGATTTTAGAATTCATCAATTT  
GCACACTTATGATAGATGCACTTTCCTGTATGTATATTTCAATAAAATCTTTTAAAAAGT  
AAAATGACAAAAAGACACTATTAACAAAAATGACATATTATTAATACTGTTATACTAAGG



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AAAATATAAAAATGAGTTCTATAACAGGGGCTCTGCAGGTCATGTGGTCATGCCAAGGAC  
CATATGTGCTCAAGATTCTCATGACATTTTGAAGGAGGTTGGGCTTTCTTTATCTTTCC  
TTTCTTCTCTCCCTTCCCTTCCCCTCCCTTCCCTTCCCTATTTTTAAACCTAGGTTTGGT  
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>SEQUENCE:3631:prostate\_MPM2000-004P1Novel007-2-Table1

TTTTTTATTTATTTAGGGTGCGCTCTACTACTACTATAACGGCGAATTGGAGCTCCACCG  
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ATGGAGAATGTTGGGCCCAGAAGGAACCGTAGAGATCAGATATTACAACAGCTTTGTTTT  
GAGGGTTAGAAATATGAAATGATTTGGTTATGAACGCACAGTTTTATGCACCAGGGGCCAG  
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>SEQUENCE:3632:prostate\_MPM2000-004P1Novel007-2-Table1

ATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGGCCACTGTAACCAAGAAAGTGG  
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AGGCTGTGAAGCCCAAGGCCGCTAAGCCCAAGGTTGTCAAGCCTAAAAAGGCGGCGCCCA  
AGAAGAAATAGGCGAAACGCCTACTTCTAAAACCCAAAAGGCTCTTTTCAGAGCCACCAC  
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>SEQUENCE:3633:prostate\_MPM2000-004P1Novel007-2-Table1

ACACTACTATATGGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGGAC  
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TTTACTACTGAACCAATTTTCCAGAGCAGTCGCGGCCAAATGGAAGGGCGATGTTATTAA  
ATTATGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCT  
TATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAG  
GGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATC  
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>SEQUENCE:3634:prostate\_MPM2000-004P1Novel007-2-Table1

CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCATAATTTAATAACATC  
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CAGGTGGAACAAGAACAGGCGAGGCATCCTGGGCCTGGTCTCTCCTGGAGGTCTGGGTGT  
TGCAGCCTTTCAGGACTGCGGCTGCTGTGGCCTACACACCTGGGCCTGTGTGCCTGTCCC  
GGGCTTTAGGCTGCCCGCGGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTG  
CAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAG  
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TCCTGTGTGAAATTG

>SEQUENCE:3635:prostate\_MPM2000-004P1Novel007-2-Table1

ACACTACTATATGGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGGAC  
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TCCAGGAGAGACCCGGGCCAGGATGCCTCGCCTGTTCTTGTTCACCTGCTAGAATTCTG  
TTTACTACTGAACCAATTTTCCAGAGCAGTCGCGGCCAAATGGAAGGGCGATGTTATTAA  
ATTATGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCT  
TATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAG  
GGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATC  
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>SEQUENCE:3636:prostate\_MPM2000-004P1Novel007-2-Table1

GCGCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTA  
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CAACATGTCAATGTCTTCTTTAATGAACTTGATCAGGTTTCTTTGCTCCCTCAAAGGG  
TATTCTGTCACCCAACCTGAGAGCAGAAGGTGCCCTGTAAAGAGGGCCATGCCGAAGTCTG  
TGAGAAGAGCACACTGAGAAGAGTCAGGAGCACAAGGAGCTGGGCCTTATTTCTGGTGTC  
CATTTCTGTGCCTCTCGCCAGTCGTGCTCCCCCGGAGCTGACTGTTCTGGTTTGTTTTG  
AAGCTGTCTTAGGTGCTGAAGTCCTGGGAGTAAGAGAAAGGCTCCACCAGTTCTCTGCCC  
TTAGCAATGGCTAAGGGTTGGCTGTTACTGCCTGCTGGTGCTTCTCACTCTACCCTCCCC  
GCGTACCTGCCCGGGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCTGA  
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>SEQUENCE:3637:prostate\_MPM2000-004P1Novel007-2-Table1

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GACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGGTCCTC  
ACTCACCCACCCCTCCCAATTCCAGCCCTTTGCCCTCTCGGTGAGGGTTGGCCAGGCCC  
AGTCACAGGGGCGAGTGTACCCCTGGAAAATACAGTGCCCTGCCTTCTTAGGGGCATCAGC  
CCTGAACGGTTGAGAGCGTGGAGCCCTCCAGGCCTTTGCTCTCCCCTCTAGGCACACGCG  
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CATCCCACACTGGTCTCTGCACCACCCCTATGGTTACACCGCACCCCTGCACTCACCCAC  
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AAGCCCTCACACACACATGCCCGTAACAGGATTTATCACAAGACACGCCTGCATGTAAAC  
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>SEQUENCE:3638:prostate\_MPM2000-004P1Novel007-2-Table1

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TTGGATTGTCCCATGGTGTCCCTGGAATGCTCCGAGTGCACAAGCTTACCGCAAGGCCGA  
CCACACGTTCTCGGGAGTTCCTGGACAGACCGTTCTTCACAACGACCACGCTCAGGTGTA  
ACTTCACCTGGGTTCAAGGAGACCGTGTTGGGTGCCAAAGATGTAGGGGAACCTGCCTGA  
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>SEQUENCE:3639:prostate\_MPM2000-004P1Novel007-2-Table1

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CTTTCAGGACTGCGGCTGCTGTGGCCTACACACCTGGGCCTGTGTGCCTGTCCCGGGCTT  
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GGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGG  
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>SEQUENCE:3640:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTGGTAAAGAAT  
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GAATGAGAAAAGACAAGTTAAGAATGCATAAGGTGGGTCCAGCGGGCCAACGCTAGTATG  
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>SEQUENCE:3641:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTAC  
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TTGACTGAAACGTTATGTGACTGCAGTTGGGTAAATGGTTTCTTAGCCTTATGTCAGCTCT  
ATGTATCCAATTAGTTCAGTCAGTTGCCTCCCCTCTTCAGTGGAAGATTTTGTITTTAGT  
TCAGTTTAGGAAGGAAGATTTCTTTTCAGGAGGCCAGGTGTGGTGGCTCACACCTGTAAT  
CAATCACAGCACTTTGGGAGGCTGAGGCAGGAAGACTGCTTGAGCCCAGGAGTTTGAGAT  
CAGCCTGTGCAACATAGCAAGATCCCATTTCTACCAANNNAANAAACTAAAAAAAGGT  
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>SEQUENCE:3642:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTCAGAGT  
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CTGCAAGTCACAGTCCCCGGATACCAGTCCGCGCCCAAGCCGTTCTGTTCTTAAGAGCCCT

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GCACCGCGCCACCAGCTCCCAGCACAAACAGCTCCGGCCGCCCCGGGCAGGTACGCGGGC  
A

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GGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTGATATCAAGCTTATCGAT  
ACCGTCGACCTCGAGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAAT  
TGCGCGCTTGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCAC  
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GAGCTAACTCACATTAAT

>SEQUENCE:3643:prostate\_MPM2000-004P1Novel007-2-Table1

CGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACAG  
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GTAGAATAGGATTGGGATTATAGGTGTCAAAGCCAGTGAGCATCTCACCCCTCCGTTCCC  
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GGGACCATGTCATTCTACTTTTGCTTGTGTTCCCTTCCAGTCTGCCATGCACGGACTGATC  
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>SEQUENCE:3644:prostate\_MPM2000-004P1Novel007-2-Table1

ATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCCCCGGGCAGGTA  
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GAAGGAAAGTCATCTTAATCTCTATGAGCCTCCATTTCTCAGCTGTAAAATGGGAAGAT  
CTTCCTCACACTGCTGTGAGGAAGCGGATTTTCTGACGCATATGAAGAGTGAGAACTGTC  
TACATCTAAGTCTTCTTTGAGAACAATACCAGCTGAGCGGCTATTTACATTCCAGCTTCT  
TTTGAGAATCTCTGAAGATGATTAAGTCATTGTCAGCTGGCCCAGAACCATATCCTGCTC  
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>SEQUENCE:3645:prostate\_MPM2000-004P1Novel007-2-Table1

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GCAATGCTGAGAAGGAGGATCAGGGATGAGAAGACCAACGTTAGGAAGTCTGCACTGCAG  
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>SEQUENCE:3646:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACTATTTTCTAACAA  
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>SEQUENCE:3647:prostate\_MPM2000-004P1Novel007-2-Table1

GACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACTTTTTGGCAGA  
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TCTGGATACATCATAATAGGGTGTGTCATTTTCAGCTAATGCATTTTGCAACATGTCAAT  
GTCTTCTTTAATGAACTTGATCAGGTTCAATTTGCTCCCTCAAAGGGTATTCTGTACC  
CAACCTGAGAGCAGAAGGTGCCCTGTAAAGAGGCCATGCCGAAGTCTGTGAGAAGAGCAC  
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>SEQUENCE:3648:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCCCCGGGCAGGTACCCACG  
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GGCCCACTGTGGAGACCCGGCCTCCTGGATCTACTCAGACCAAAAATGTGATGGCACTAA  
CAACTGCGGGGACTGTTCAAGTGAAGTGAAGCCAGTAAGTGTGTGCCACCCTGCGGGCC  
TGGGTGGTGGCGCTGTCCTTCAACCTTCTTCAAGTACT

>SEQUENCE:3649:prostate\_MPM2000-004P1Novel007-2-Table1

ACTCACTATAGGGCGAATTGGAGCTCCCCGCGGTGGCGGGCCGCATAATTTAATAACATCG  
TCCTTCCATTTGGCCGCGACTGCTCTGGAAAATTGGTTCAGTAGTAAACAGAATTCTAGC



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AGGTGGAACAAGAACAGGCGAGGCATCCTGGGCCTGGTCTCTCCTGGAGGTCTGGGTGTT  
GCAGCCTTTCAGGACTGCGGCTGCTGTGGCCTACACACCTGGGCCTGTGCGCCTGTCCCG  
GGCTTTAGGCTGCTTTCCCTACCCGGCTCCCGCGTACCTGCCCGGGCGGCCGCTCTAGA  
ACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTC  
GAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGT

>SEQUENCE:3650:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACGTTGAA  
ATATTAGGGGCAGGTTCCCCCAATATCTGGCGCCCAACGTGGTTTTCTTTTCTTAAGTG  
CATGTGGGAACCCGATTCCCTTTGGTAGGTGCGGAGAAATGTTTCATCGGTCCAGTCCACA  
GAAATGCTTGTTTGGCTCCCGACGATTGGTGAGTTGTCTGTGTATTGTCCGGGGTAACT  
ATGGGTCACGCAGAGTCTAAACATTATGCTTATCTCTGCTATATTAAATTCCTGTTAAAA  
TGGGGGAGTTCGGGTTCCCATGGAAAATATGGTCACCCTATTCAGGGCAGTGGAAGAACA  
CTGTCCTTGTTTTCTGAAAAGGGAACGTTAGATGTGGAACATATGGGATCATGTTGGTGC  
AAAATTCCGAGAAGTGG

>SEQUENCE:3651:prostate\_MPM2000-004P1Novel007-2-Table1

GTATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTT  
TTTTTTTTTTTTTTTCTCTCGCTCGGAATACAGCCACTGAAGGAGGTAAAAGATATCTA  
CAAGTAGAACTTTGATATTATTACTTCTTCTACTGAACTTAAACCAATTACTGTTTGCTT  
TGGTGTCTGTTGTGATTTCTCTTATTTAGTTGGATTTTGTAGTTACTTTAAAAGTTAACG  
AAATTTACATTTTCATCAAGTCCAGAGGCCAGAGACACCCAAATATGCACAGACAGGAAT  
CAGCTGCAATTGTCCAAGCCAGAGCTGATTAGGCCTCAACTGGAATAGTCCCACCATGTA  
ATAAATCTTCTGAGTATTGTGTATAAGGTCAAATATTTCCAGCTT

>SEQUENCE:3652:prostate\_MPM2000-004P1Novel007-2-Table1

TTGGAGCTCCCGCGGTGGCGGCCGAGGTACTTTTTGGCAGAAAGTTGACCCAAGAGTTT  
ACTGAAGTCACTGGTGAAAACCTCATCAGCATGCCTGGCATTCTGGATACATCATAATA  
GGGTGTGTCATTTTCAGCTAATGCATTTTGCAACATGTCAATGTCTTCTTTAATGAAAC  
TTGATCAGGTTTCAATTTGCTCCCTCAAAGGGTATTCTGTACCCAACCTGAGAGCAGAAGG  
TGCCCTGTAAAGAGGCCATGCCGAAGTCTGTGAGAAGAGCACACTGAGAAGAGTCAGGAG  
CACAAGGAGCTGGGCCTTATTTCTGGTGTCCATTTCTGTGCCTCTCGCCCAGTCGTGCTC  
CCCCGGAGCTGACTGTTCTG

>SEQUENCE:3653:prostate\_MPM2000-004P1Novel007-2-Table1

GACTCACTTAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTCTGAAGGTGG  
ATAGCAATGGTGTGATCACAGTAAAGCCTGACTTCACGGGCCTCAAAGGACCCTACAGGA  
TTGAGACGGAGGGGGAGAAGCAGGAGCTGTGGAAATATACGATCGACAATGTTTCCCCC  
ACGCACAGCCGGAGGAGGAGGAGCGGGAACGGCGAGTGTTCAAGGATCTTTATGGCCGG  
C

ACAAGGAGTATCTCAGCAGCCTCGTAGGCACCGACTTTGAGATGACTGTCCCAGGTGCCC  
CCCGGCTCTTTGTAAATGGAGAGGTGCTTTTACGCCCAAGGCTATGAGTATGACAATCTCT  
ACGTCCACTTCTTTGTAGAATTGCCAACTGCTCACTG

>SEQUENCE:3655:prostate\_MPM2000-004P1Novel007-2-Table1

CGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCA  
GGTACGCGGGGAGGGTAGAGTGAGAAGCACCAGCAGGCAGTAACAGCCAACCCTTAGCCA  
TTGCTAAGGGCAGAGAACTGGTGGAGCCTTTCTCTTACTCCCAGGACTTCAGCACCTAAG  
ACAGCTCCAAAACAAACCAGAACAGTCAGCTCCGGGGGAGCACGACTGGGCGAGAGGCAC  
AGAAATGGACACCAGAAATAAGGCCCAGCTCCTTGTGCTCCTGACTCTTCTCAGTGTGCT  
CTTCTCACAGACTTCGGCATGGCCTCTTACAGGGGCACCTTCTGCTCTCAGGTTGGGTGA  
CAGAATACCCTNTGAGGGAGCAAATGAACCTGATCAAGTTTCATTAAGAAGACATTGA  
CATGTTGCAAAATGCATTAGCTGAAAATGACACACCCTATTATGATGTATCCAGAAATGC  
CAGGCATGCTGATGGAGTTTTTACCAGTGACTTCAGTAAACTC

>SEQUENCE:3656:prostate\_MPM2000-004P1Novel007-2-Table1

CTACGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTGGCAGAAAGTTGA  
CCCAAGAGTTTACTGAAGTCACTGGTGAAAACCTCATCAGCATGCCTGGCATTCTGGAT  
ACATCATAATAGGGTGTGTCAATTTTCACTAATGCATTTGCAACATGTCAATGTCTTCTT  
TTAATGAAACTTGATCAGGTTTCAATTTGCTCCCTCAAAGGGTATTCTGTACCCAACCTGA  
GAGCAGAAGGTGCCCTGTAAAGAGGCCATGCCGAAGTCTGTGAGAAGAGCACACTGAGAA  
GAGTCAGGAGCACAAGGAGCTGGGCCTTATTTCTGGTGTCCATTTCTGTGCCTCTCGCCC

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AGTCGTGCTCCCCCGGAGCTGACTGTTCTGGTTTGTGTTTGGAGCTGTCTTATGTGCTGAA  
GTCCTGGGAGTAAGAGAAAGGCTCCACCAGTTCTCTGCCCTTAGCAATGGCTAAGGGTTG  
GCTGTTACTGCCTGCTGGTGTCTCTCACTCTACCCTCCCCG

>SEQUENCE:3657:prostate\_MPM2000-004P1Novel007-2-Table1

GCGCGCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTT  
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TAAGCGCACCACAGAGTTCAACAGTGTCTGCATCATCAACCACGGTAATTCGAAAATTTG  
GAGTCTGCAGAAGTTCTTTGAAGAGAAGGCCGTTCTCCATTACTTTGCTGCCGATGGTGG  
TCTCACAGAACTTCTCTGCAGCCACCTCATTGGCAATGTTGGCTCCCATCAGCACACTGA  
TGTCATACCCATCTTCTCACGGATGATGTCAGAAATGAGCTTCAGCCCCTCGGGGCCCT  
CGTCTATGCCCTTGATGAGGGTGATTCCCAGCGCTTTCTTGGGCACTCTCCAGTGATCT  
CATCACAGATTCTGTGAATGAACTGGTGGGGAATGACAAACACCAGCAGGTCTGCATCCT  
GCACAGCCTCGCTAAGATTTGACATGGCAACCACATTTTCTGGCAGCTTGTGTCCAGGAA  
GATATTTTACATTTTTCATGGCCATTATTTATGATGTCT

>SEQUENCE:3658:prostate\_MPM2000-004P1Novel007-2-Table1

TCCACCGCGGTGGCGGCCGATGTACTTTNTGGCAGAAAGTTGACCCAAGAGTTTACTGAA  
GTCACTGGTGAAAACCTCCATCAGCATGCCTGGCATTCTGGATACATCATAATAGGGTGT  
GTCATTTTCAGCTAATGCATTTGCAACATGTCAATGTCTTCTTTAATGAACTTGATCA  
GGTTCATTTGCTCCCTCAAAGGGTATTCTGTCACCCAACCTGAGAGCAGAAGGTGCCCGG  
TAAAGAGGCCATGCCGAAGTCTGTGAGAAGAGCACACTGAGAAGAGTCAGGAGCACAAGG  
AGCTGGGCCTTATTTCTGGTGTCCATTTCTGTGCCTCTCGCCCAGTCGTGCTCCCCCGGA  
GCTGACTGTTCTGGTTTGTGTTTGGAGC

>SEQUENCE:3659:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATGAAGTTC  
ACATTGTCAAAGATTATCACTCCTTCATGGGGCCAGGCTGGTGGTGGGCGTTTCTGATAT  
TCCCAAGGTGCTTCTTTTTCAAGGTCTGTGTATTCAATGACCCTTTCTACTGAGATCATC  
ATATTCTCAACTTCAGCACTTTGTGCAACACACCACTGAAACATCCCCATGAGCGTGAGG  
GCATAGGACAGTGCCAAACCAACCTGCCCGGCATCCAGAGTTTTTGGCAGAATCAGGGAC  
CCAAAGGCAACGATGATGACAAACATGGCACAGATGGCATCCAGACGGACGGCGAACCAG  
CGGGACGTTGTCAAAAACAAGAACCAAGCCTCTGAATGTAAATCCTGGTGTGCATCAAAC  
AGTTCCTGACACCTCTCTTCTGCTTTGTATGCCCGGATGGTCCAGAGCCCCTGGAGAGAA  
GATGACAAGTGGGAAAACACTGGACTCCGAGTTGTAGATTCCAAGCGCTTCACATCTCTT  
GACGTTTCCAAAAAATATCGCCGAAGAAAAATGAAATGATTCCAAGGGGAACCAAGGGT  
ATTGCGATCCAAAGAATCACGGCCACAGCCACAGAGACCACACCAACCACTTGTTAGCAT  
GTCTGGATGAAAATCTAAAACGTC

>SEQUENCE:3660:prostate\_MPM2000-004P1Novel007-2-Table1

AGCGCGCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAG  
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ATGCCAGGCGCATCTCAGCTAATCCAAAAGTAAATGAGAACTTAGAAAAGGATTGCCAA  
TTCCAAATCAACATATTTAGAGAAAATTGAAAAGGAGAAGCTTACTACAGCTTTATTTG  
AGGACTTTTTAAAGAACGCTGGGTTCTATCTGTGAGCTGCAAATCTTGGAGCAAAAACCA  
GAGACATTGCCAGAGCAAACAAGAACAGAAATACAAATGGAGAAGTGGTCAAAAGACATA  
ACCCACAGTTATCTTGAACAAGAACTACGGGGATAAATAAAAGTACCTGCCCGGGCGGC  
CGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACC  
GTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTT

>SEQUENCE:3661:prostate\_MPM2000-004P1Novel007-2-Table1

GTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGCAGG  
TACGCGGGGATGCTGACCACTCACCATCATCTCAAGGCAGCAGTGAGGCCCCAGCGTCTC  
AGCCACCCCCCAGGTCAGAGGTTCTGTCTATGCCCTCTGTGATTAGAGCACATGCCATCA  
TTACCTTAGGTAAGCTGTGCTTACAGCACGAGGATCTGGCAAAGAAGAGCATCCCAGCCC  
TGGTGCAGAGAGCTCGAGGTGTGTGAGGACGTGGCTGTCCGCAACAACGTCATCATTGTAA  
TGTGCGATCTCTGCATTCGCTACACCATCATGGTGGACAAGTATATTCCCAACATCTCCA  
TGTGTCTGAAGGATTCCGACCCATTATCCGGAAGCAGACACTCATCTTGCTTACCAATC  
TCTTGCAAGGAGGAATTTGTGAAATGGAAGGGCTCCCTGTTCTTCCGATTTGTCAGCACTC  
TGATCGATTACACCCAGACATTGCCAGCTTCGGGGAGTTTTGCCTGGCTCACCTGTTAC  
TGAAGAGGAACCTGTCTATGTTCTTTCAACACTTCATTGAATGTATTTCTCACTTTAAAT

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AACTATG

&gt;SEQUENCE:3662:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACGCGGGGACT  
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GTGTGTAGGCCACAGCAGCCGCGAGTCCTGAAAGGCTGCAACACCCAGACCTCCAGGAGAGA  
CCAGGCCCGAGGATGCCTCGCCTGTTCTTGTTCACCTGCTAGAATTCTGTTTACTACTGA  
ACCAATTTTCCAGAGCAGTCGCGGCCAAATGGAAGGACGATGTTATTAAATTATGTGGCC  
GCGAATTAGTTCGCGCGCAGATTGCCATTTGCGGCATGAGCACCTGGAGCAAAAGGTCTC  
TGAGCCAGGAAGATGCCCTCAGACACCTAGACCAGTGGCAGAAATTGTGCCATCCTTCA  
TCAACAAAGATACAGAAACCATAAATATGATGTCAGAA

&gt;SEQUENCE:3663:prostate\_MPM2000-004P1Novel007-2-Table1

TACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCAAACTGACACCTCA  
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GAACAAACCATGCTGGGTTAATAAATTGCCTCATTGTAAGAAAAAAAAAAAAAAAAAAAA  
AAGAAAAAAAAAGTACTTTTTTTTTTTTTTTTTTTTTTTTGGGAAATCTTGACAAAT  
GGCATTTTATTAAAGAAAATCTAATTTACAAAGCTTTGTAAATTTAAGAAAACATTCA  
TAGATCATAAACAAAAATTTCAATATGCAATATTCAAATTTACAAGAAAATAAGCACAAA  
CTTTTAGACAGGGCAGTTATTGCTGCACTCCTTTAATTCCTTATCCAGAGCCCCAAAAAT  
GTAGACAAACCCTAAAAATGTAGCAGAAGCATTT

&gt;SEQUENCE:3664:prostate\_MPM2000-004P1Novel007-2-Table1

CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCCGCCGGGCAGGTACATTT  
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ATGGTAGTCGTCTCGGAATGAAACGAATACACCCCTCTCAGAGCCCTTTCCAAGGATCCC  
CTCCTTCTTTAGCTCCTTCCCTCCACCTCAATACACACTCCTGTCCCAGGAACCTAACC  
TCATCTAGAAATACCAGGGCCAGCATGCCTTACACCTAGAGGTTTGGTTGGCTTCAGAGA  
AACTTCTGGAGGCTAAAAGCAGCCAAGAAGAATCAGCCACTACATGCTGGGCCTGGATGA  
ACAGAGCAGTGAGCTGTGATGGGGCTGGGGCTGGGGCCCAGGAGGAGCAGGCAGGAGAG  
TTTGTATGCACCGTGATTCAAATATTATAACAAAAATATTCGATCATGTGTTAGGCACTTT  
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&gt;SEQUENCE:3665:prostate\_MPM2000-004P1Novel007-2-Table1

CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCCGCCGGGCAGGTACGCG  
GGGGCCGTTACTCCGAGGAGATACCAGTCGGTAGAGGAGAAGTCGAGGTTAGAGGGAACTG  
GGAGGCACTTTGCTGTCTGCAATCGAAGTTGAGAGGCCAGTATTTAGGCGACAGTGAAT  
TTATTACTCTGAAGAGGGTTCTGCACATATTTCCAAATTATATTGGTGGTCATCAGAAGT  
AGGTGATAGGAAGAAATACTTCTCAAGGGTGCAAAAATGCAGAGTAATAAAACTTTTAAAC  
TTGGAGAAGCAAAACCATACTCCAAGAAAGCATCATCAACATCACCACCAGCAGCAGCAC  
CACCAGCAGCAACAGCAGCAGCCGCCACCACCGCCAATACCTGCAAATGGGCAACAGGCC  
AGCAGCCAAAATGAAGGCTTGACTATTGACCTGAAGAATTTTAGAAAACCAGGAGAGAAG  
ACCTTTACCCAACGAAGCCGTCTTTTTT

&gt;SEQUENCE:3666:prostate\_MPM2000-004P1Novel007-2-Table1

ATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCCGCCGGGCAGGTA  
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AATTCCTGAAGTTCACATTTAGGCCAAAAATTTGGCGTTTTAGGAGGTGAGTATAAGACAT  
GATCTTTATAGAAAACGCTGATGATAAAAACAGCGCTCTCTGTTAGGTGCCTTTATGCTT  
GACTCCATTGTCATCTTTTCTTAAGAACTAAGCTCAGGACTGGGTGCAATGGCTCATGT  
CTGTAATCCCAGCACTTTGGGAGGCTGAGGCTATAGGATCAGTTGAGCTCAGGAGTTCAA  
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AAAAAAAACC

&gt;SEQUENCE:3667:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACTATTTTT  
ATTTTACAGATGAAGAACTGTGGATTTTGTCTTAAGAAAATTTCCAGGCTCACAGAACT  
AAGCCTAATTTCTTTTTATTTTTTAGCAAATACAGTTTTTTATAAGAATTTGAATTCTATG  
AAAATAAATGGATTACTCTAAATCTCTGATGCCTCAGTGAACACTTTTTCTTATTAAC



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ACTTGAAATTTATTAATCCAGTATTTAGCACATATTTAGCATTAAAGCCTCAAACGATACA  
GCAATATGTTACATTCTCTTGTGAAAACAGTTGTTGTAGACTGTTAATTTTTTTTAAATG  
TAACTCCGACTTGTGCCTAATAGGATTTGACCTTTAAGAGGTTTCTTTTGCTGTGGATGG  
GGGGGCTTTGCTTGAACCTTCATTCTGTGCCTTGTAGCTGGAGAGGCTGGGAGTATGGAT  
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>SEQUENCE:3675:prostate\_MPM2000-004P1Novel007-2-Table1

GCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACG  
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GTGCTGCGAGAAGATCTGGGCCATCATGGTGCGGTAGGCCTTCCCATCCACGTTGGTCAG  
CGTGTGGTGCAGCACTTCATGCAGCTCTGACTCCTCCATCTGGGGTGGGGGCAGCAGCTC  
ACTCTTGAGCAGTTCTGTGGCTGTGGGCCGTTTTGCTGGATCGTGGTTCAACAGCCAGGA  
GATGACTGATTTCTGCTTTGCATGCTCTCCATCGTCAAAGTCTTCTGGAACTTAGGCGA  
AGTGGGCTAAAAAATATATTCAAATCAGCAAGGTTT

>SEQUENCE:3676:prostate\_MPM2000-004P1Novel007-2-Table1

GGAGCTCCCCGCGGGGGGGGGCGCCCGGGCAGGTACACAACTATTACTTCCAGAAGAG  
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CCATGATCTACTGCAGGTCAGGATCCTTGGCATCAGATGGTAGTGATAAAAACCGGATAT  
TGGGGTGCTGCCGGTGGAGAAAAATGGAAGAAGCCAGAGGTCAGCAAGAAGGGGAGGC

>SEQUENCE:3677:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACA  
TCGAGCCCTCAGGGTCCCTGACTGGTTCTCCAGCCGCCCATAGGCTATGAGCATCCCCG  
TTCCCTACACAAAGGNACCACTGGGATTTATTAAGGTTATGCCTTGCAATGCAGTACTG  
TTTTCATATGTGTGATATTATACTACTTTCTCCAATTTTCTCTTCACATCCTACCCATTC  
TTTTTGCTCAATCTTTTAAGTCTTTTAATGAAATAGTTATACAAAAAGTGTATAGAGTC  
AGGTGCGGTGGCTCACACCTGTAATCTCAGCACTTTGGGAGGCCAAGGTGGGCGGATTGC  
TTGAGCCCAGGAGTTTAAGACCCAGCCTGGGCAATGTGGTG

>SEQUENCE:3678:prostate\_MPM2000-004P1Novel007-2-Table1

TACCACTCACTATAGGTTGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATTTGAA  
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ACACCGATTTTTTATAACTGTGCTGCCTAATATGGTAGCCACATGTGGTTTCTGAGCACT  
TGAAATGTAGGTAGTCCAACTGAGATATGCTAGAAACATATAATACACACCAGACTTCA  
AAGGCTTAGTATGAAAAAATGTATATGAAAAAATTCATATCGATGATCTTGAATATAG  
AGGCTGGAAAAAATTATTTTCATATTGATTATATACTAAAAGATAACATTTTCAGATACACT  
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>SEQUENCE:3679:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCCTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAACCTTTTG  
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AAATAATTGATTAATCCCATACTTAACTAGTATCTACATGTATTCTATGCATTCATGAC  
ATACCTAACCTTTTCTTGATTTTTTTTTTATGTTTCTAGGCTACATGGTTCATCTGCTA  
GTTTTTTCATATTGTCACAATTCCCAAAAAAATTTTCCAATATGTTTATTGAAAAAAGCC  
CTACATATAAGTGGACCCACACAGTTCAAACCTTTGTTGTTGAGGGTCAACTGAAATGA  
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>SEQUENCE:3681:prostate\_MPM2000-004P1Novel007-2-Table1

AGCGCGCGTAATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCC  
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AGCCACCTAAGATACATAGACATAAATCATCACTTAATTTTTTGAAGAATAAAAACTGAG  
ATGGACATGTTTTTACAATCACAAAAAACTAGGAAAAGGTTTAAACACATAATATTACAC  
ATAAACAAAAACAGCAATTACCTTGATGGTTGGGGTCCAGGTGATAATAAAGTCATT  
AATTTTTTGCAAATGCAATTTATTTGCAATTGTGTCTAAAAAAAGAGTAAATTAAATCAG  
ATTGATGAGAGAACCTAAAAGGAACATGTTAACTCTGAATA

>SEQUENCE:3682:prostate\_MPM2000-004P1Novel007-2-Table1

TTTTTTTTTTTTGAGACAGAGTCTTTCTCTCTCTCCAGGCTGGATGTGCGGTGGTGCAT  
TCTCAGTTCACTGCTCACTGCAACCTCCGCCTCCTGGGTTCAAGTCTCTGCTGCTCA  
GCCTCCTGAGTAGTTGGGGTTGCAGGTGCATGCCACCATGCCTGGCTAAGTTTTGTATT

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TTAGCAGAGACAGGGTTTCACCATGTTGGCCGGGCTGGCCTCGAGCTCCTGACCTTGGGT  
GATCCACCCTCCTAGGTCTCTCAAAGTGCTGGAATTACGGGGTGAGCCACTGCGCCCGGC  
CCTTAGTAGCATCTTTTAATGGAGGTAGAGTTGAGATTTAGTGACTAACAACCTAAAGGT  
ATTAAAGGTAGGGGTTTATATGATACATTTGCATTTTAGAAAAGTATCTAAGCTTCAAT  
GTGAAGAACAGATTGAAAT

>SEQUENCE:3683:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGTCTGG  
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CCCATCTTGGGACGGCCAGCTCTAAGAATTCCTGCTACGACACTGAATTCACCAGGAGG  
TGATGCCCACTCAATCAGAACTATGCTACTGCTGAAGAGGTATATTGAGCCCTGCCTG  
GTAAACCTCCAGTGAGGTTATTAGAGAATTGGGAGAGGCTCAAATCAGCATCCTGCACCT  
GGTTATCAAACCATTGTGAAGTCTTGATTCCTGGATGGCCAGAAAAGTTGTCATTGGTCA  
AGAGCAACATTAAGATCTGCCTGTTACTCATACTGATGCTTCCTGCCAGCAAGTTCATC  
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>SEQUENCE:3684:prostate\_MPM2000-004P1Novel007-2-Table1

GACAGATTGGTTTCAGGGGGCGGCCCTGGCTCTTGGGGCTTCCGAGGCGATCGGGCAGTG  
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CAGAGTTCCAGGAGCTCTGGGAGTGGCTGTCAGAAATGGCCAATTTCTTTCAAATGCTGT  
ATACTGGAAAAATCCAAAGGACTCATCAGATGAACACATTTCAAAGAGCCGCTACCAATT  
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>SEQUENCE:3685:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACCTATAA  
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GCCAAGGTGGAGGGATCACTTGAGTCCAGGAGTTTGAGACCAGCCTGGGCAACATACTGA  
GACTCCGTCTCTCCAAAAAAATAACATACTAAATTACCTTAAAAGAAATTGCTTTTTAA  
GCAGCTTTCATATAGACCTCCTTATCTCAGCTATCACCTCCCTCCCAACCCCATCACCAT  
CTTTTCCAGAGGTTGCCTGATGCTGATAATTCCTGAGCCCTTTTGAAGTATTCTGTAGAG  
TAAGTTCCACTGATTCTTGGATTTTCTTACTACCAGCTTTAGATTCTGCTTTCTC

>SEQUENCE:3686:prostate\_MPM2000-004P1Novel007-2-Table1

CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTGCTGAAACAG  
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CCACCTGAGCTGCTTTGATATATGACAGCCTCTCATAATTACTGGTGTCACTATTGTTGT  
AAATGAAGAATAGTTAAATATGGAGAGATTAAGACACAATTCAAAACACTTTTTAAAAA  
TAAATGGCTGTTTCATAAACACAAACAAATCTTTAAAAGAAAAATAATCACATCAATTGC  
AATATACATTGGCAAATAGTAAATGTCATTTTCCAAAATAGTAGCTTCTTTATTATATG  
CCCCA

>SEQUENCE:3687:prostate\_MPM2000-004P1Novel007-2-Table1

GGCGATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACTTATACTAAATTATGG  
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>SEQUENCE:3688:prostate\_MPM2000-004P1Novel007-2-Table1

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TCTCGAACTCCTGACCTCAGGTGATCTGCCCGCCTCAGCCTCCCAAAGTGCTGAGATTAC  
AGGCATGAGCCACTGTGCCAGCCTGTTTGGTTTGGTTTGTAGCAATTAAGATAATTTGGT  
TGTTAAGCCTTGCTTGTTTGAACAATGAAGATGGCACTTGAGATTCTGGAAAGGACTTT  
CTAAACTCAAGGACCTATGTGTGATTGCTTTTATTACCTTTTTGTTTATTAGGTTTTCAA  
GACTTGACATTTTGTTCCTTCATACAGNTCACCTTGTTGGTCTAGTCTATAGAGAAAC

>SEQUENCE:3689:prostate\_MPM2000-004P1Novel007-2-Table1

GCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACT  
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TTGCGCATGCCTGTAATCCCAGCTACTCAGGAGGCTGAGGCAGGATAATTGCTTGAACCC  
GGGAGGTGGAGGTTGCAGTGAGCCGAGATCATGCCACTGCACTCCAGCCTGGGCAACGGA  
GTGAGACTTTGTCTCGGAAAAAAGATCTGGCGGATGAAAATAACCAGAATG



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AAAATAGCTAGAAAACCTCAGCAAGCAGGAAGCTCCCTTTCTCACCCTTTTGTTCCTTGC  
CGATAGAATCAGTCACTATTGGAAAAAATGAAAGACGCTCTGTTTAAACAATGATG  
>SEQUENCE:3690:prostate\_MPM2000-004P1Novel007-2-Table1  
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CCCCATCAACCATTGACATATAACATGTCTACTTGTATATATGTATTGTGTTTCACCA  
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CTGGATGAAATACAAGCGGTTAATTTTTGTAACTGAGGGAAAAGCCACATTGCTGGT  
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>SEQUENCE:3698:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:3699:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:3700:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:3701:prostate\_MPM2000-004P1Novel007-2-Table1

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&gt;SEQUENCE:3707:prostate\_MPM2000-004P1Novel007-2-Table1

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TTCTGTTGTATTCTAGTAGAGACGGGGTTTCACCATGCAGGCCAGCTGGCCACGTACG  
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&gt;SEQUENCE:3708:prostate\_MPM2000-004P1Novel007-2-Table1

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&gt;SEQUENCE:3709:prostate\_MPM2000-004P1Novel007-2-Table1

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CGACTGATGATTAAGTAAGGCAAACCTAGCTTCTACTTTTCAAACGAGCCGCCAAGGGCAT  
TAATAGACCCCATTTGTAACTGAGAAATGATTCTCGTTTTAGTAATCATTCTATAAATG  
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CATGTGAATCTATGTCTTAGTTTTATTTGCAGCCTTGCTAAGTAAAATGAGCCTTTGTAT  
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&gt;SEQUENCE:3710:prostate\_MPM2000-004P1Novel007-2-Table1

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CCTAAGTAGCTGGACTCAGGCACGCACCACCACGCCAGCTACTTTTTGTATTTTGGCA  
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TGCCCTCGGCCTCCCAAAGTGCTGGGATTACAGGCATGAGCCACTGCACCCGGCCCAAAAG  
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&gt;SEQUENCE:3711:prostate\_MPM2000-004P1Novel007-2-Table1

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&gt;SEQUENCE:3712:prostate\_MPM2000-004P1Novel007-2-Table1

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&gt;SEQUENCE:3713:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:3714:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:3715:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:3716:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:3717:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:3718:prostate\_MPM2000-004P1Novel007-2-Table1

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AGGTGCATGCCACCATGCCAGCTAATTTTTGTATTTTTTTGTAGAGACAGGGTTTTGCT  
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GTTTTGCGCTTAAGTATTTCTTCTGTTGGCCAAATCTCTGATTTCCCATTTTAATTAAGT  
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>SEQUENCE:3719:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:3720:prostate\_MPM2000-004P1Novel007-2-Table1

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CAAGGGGTCTTAAGAGTTGTTTCCTTCTGAGGCTGGAAGAGAATCTGTTCTGTGCCTCTC  
TCGTATCTCCTGGAGGTTTGCTAGAAGTCTTTGGCATTCTTGGCTTGTGACAGCATAAC  
TCTGATATTCATATGGCTTCTCACTCTATCTCTGTATCCAAATCTCCCCTTTTCACAAG  
GACTTGATCATATTGGATTAGGCCACCCTAATGACCTCACCTTAAGTAGATCATCTGCA  
AAGACCTTGTTTCCAAGGTGCTAGGGTGGTGGGTGGAGACAGGGGAGAGACTATTCAATT  
CATAACACCTAAGTATTGTGTCTCCTTAGTCCGTTTCAGTCCCCACCCAGCCCTGACTTG  
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>SEQUENCE:3721:prostate\_MPM2000-004P1Novel007-2-Table1

CCCTAGCAGATGAATACAAAGACATTCTGGGTAAAAGAAGGGGAAAGAAAGGAAGAGATG  
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AAGTGGGTAAAGGAATGAGAACACTCAGGAGCTCGGTGGGCACACAGTCATGGGGACTAG  
GCAGTTCCAAGGATTGAAATACGGATAAGCAGGTTCGAGAAAAGCGACATCCAGAGAACTT  
GTAGATGAGTGCTCCGTGGTTTGTGACATTGAAAAATGAGACAATGCCTGCCTCATAGTC  
TAGGAAAACCCCAATACGACAGGGAGGCACAGCCATAAAGAGAGTCAAACCTTGGG

>SEQUENCE:3722:prostate\_MPM2000-004P1Novel007-2-Table1

ATTGAGCTCCACGCGGTGGCGGCCGAGGCACTTTTTTTTTTTTTTTTTTTTGGATTAT  
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TGGGGTGGGTTTCGTATCCTCCAAGTACATTTTATTTTCCGTTCTTCCATATGGAAAA  
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>SEQUENCE:3723:prostate\_MPM2000-004P1Novel007-2-Table1

GGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGGCTCACTGCAACCTC  
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GTGCCCCACTACGCCAGCTAGTTTTTGTATTTTATAGTAGAGATGGGGTTTTATCATATT  
GACCAGGCTGGTCTCAAACCTCCTGACCTCGTGATCCGCCTGCCTTGTCTCCCAAAGTGC  
TGGGATTACAGGCATGAGCCACTGCGCCCAGCCCAAGACTCCTATTTTAAAACCTGAAA  
AAATTTTCATGAATGAAATGCAGATAGAATCTGTAAGTCACTTGCTACATTAAATACTC  
AGGCAAAGGGAGGTATTTCTATACATTATGATGTGTGCCTCCAAGCTTGTTTCAGAAATA  
AATATTTTAAATAGGTACCTGCCCCGGGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGC

>SEQUENCE:3724:prostate\_MPM2000-004P1Novel007-2-Table1

GGCGGCCGAGCGACTTTTTTTTTTTTTTTTTTACCCNTTTTACGTAATTTTCAAGAGACGG  
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CAGCCTCCCAAAGTGCTGGGATTACAAGTGTGAGCCACCGCAACCGTCCCTGTATACTTT  
TTACCCACACAGCATAGCCACATTGCCTACAACACAGGGGGTGTTCATAAATGCCTAAA  
TGTTTGTGGCTGAATTTAAATAATTAAAGACCTGCAGTTTATATGCATAAAATCATAA  
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>SEQUENCE:3725:prostate\_MPM2000-004P1Novel007-2-Table1

AGCTCCACCGCGGGGGCGGCCGAGGTTTACTATACGGAGGTATTAGGNNCTTCGGATCAC  
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GAATTTTTTTTTTTATTTTTTGTTTTAAAGTTAAATAAGCACAAAGATGCCAGGCATG



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GGAGGATCACTTTGTGAGGCCAAGGCGAGAGGATTGCTTGAGCCCAGGAGTTCAAGACCA  
GCCTGGAGAGCATAGCAAGACCCCATCTCTGACAAAAAAATTAGCTGGATGTGGTGGGC  
ATGCCTGTAATCCCAACTACTTGGGAAGCTGAGATGGGAGCATTGTTTGAAGCCAGGAGG  
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CCGACACAAAAAAGTA

>SEQUENCE:3726:prostate\_MPM2000-004P1Novel007-2-Table1

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AGGCCAAATATTCCTTTCCTTGGGACCTAGGGCAGTGTATAATGGCATTAGTGTTGGCTA  
GTCCAGATAGCTGATTCTTGAACCTCTAGGTGGCTTGCCTGGTTACTGGTAGTGACAGCA  
GTAGGCCAGTTGGGTGGGCAGGTTTTTGGGCTCCTGGGCATGAAGTATGCTATGGGCAAT  
ATCAGTAGCCGTGGCAGGACAAATCTCTGGCTTCCGAGTTGTCTATCCCGGTATTGACAG  
CGACAGT

>SEQUENCE:3727:prostate\_MPM2000-004P1Novel007-2-Table1

GAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTACCATCTTGTCTCTCAGTAGGTT  
CATGTGACTTAAGAGGAAAATGTTTAATATTTGCTTTATCTATTAGATCAGAACCTCTTC  
GAAAAAGAAGAAGGTAGATCCTAAAAAAGACCAAGAAGCAAAGGAGCGCTTGAAAAGGA  
AGATCCGAAAAGTGGAAAAGGCTACTCAAGAGCTAATTCCTATTGAAGATTTTATTACCC  
CTCTAAAGTTCTTGGATAAAGCAAGGTAAGGATCCTTCTCTAGGGATGAAGTCCTCAGGA  
CAAAGGAGTAATATCAACTTCAGGTAGTTGTGTCTGTAGTTTACACCTGTGATAGTCATT  
GGTCAGTAGGCTTGAGCTGACTTGGCCCTAATGAGTCCTTGCTCCTTTTGGAAGCAGGAG  
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>SEQUENCE:3728:prostate\_MPM2000-004P1Novel007-2-Table1

CACTATAGGTCTGAATTGGAGCTCCACCGCGGTGGCGGCCGAGTTGTGATGTTTGCTTCAC  
AACAGGGGTCTTTTGGCAATGTCTGGAGACATTTTATTGTTATAGCTGAACAGGAAAGT  
GCTACTGGCATCTGGGAGGAGGCTGCTAAACATCTCACAATGTGTTACCCTGTCCCAAAT  
GTCAGTCGTGTTGAGGCTGAGAAACATGGTTTAAATGAGTCAGAGGCTGGCCACAGTGGC  
ACGTGCCTGTAGTCCCAGCTACTCAGGAGGCTGCGGTGGAAGATTGCCTTAACCCAGGAG  
TTCAAGACTAGAC

>SEQUENCE:3729:prostate\_MPM2000-004P1Novel007-2-Table1

CGCGGTGGCGGCCCGCCTGGGCAGGTACAGTGTACAATCATGGCTTTACTGCAGCCTCGA  
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ATCCCATCGCACCCAGTTTTTGGGTTTTTTTTGTTTTTTGTTTTTTGTTTTTTGTTTTT  
GTCTTTCAGAGAGATGGGGTCTCACTATGTTGCCCAGGATGA

>SEQUENCE:3730:prostate\_MPM2000-004P1Novel007-2-Table1

CACCGCGGAGGCGGCCGCTTGGCAGGTACAACATGAGCCTTTTGGGTCTACAT  
GCCTGAGGNAGTGACAGACCAGCTTTGGAAGAGTGGAAGCCCTATTTCCAAATTCAAGCA  
TGCTTTGAGTATAAATTAAGTTTACCTCTTTTGCACAGCAACATGGCCAATCTTTCCTA  
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>SEQUENCE:3731:prostate\_MPM2000-004P1Novel007-2-Table1

CTCCACCGCCGTGGCGGCCGAGGGACTTTTTTTTTTTTTTTTTTTTTTGGGAAATTCCC  
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TTAGATGACACTTATTTAGGAGATGGAGCAATAAGATCAGAGGTCTTCTAAGGATTCTGG  
GGAGTCAGTGTATAGATGGAAACCAATATGAGTGTGTAGCCCCAGAACTGCTCAGATA  
ACCTGGTCAGAACTAGGCAAGCTGGCAGGGGTTGGGAAGCACAGATGTAGAGCACATCA  
AGGCAAGTGACCAAGAGTATTGTAAAAAACATTTTGGTATCATCTTGTAGCAAGTTCTG  
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>SEQUENCE:3732:prostate\_MPM2000-004P1Novel007-2-Table1

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AAATGGAGGCCAATCTTGAAAAGTTCGACATCAGCGAGGATGACATCGATGATGGATTCA  
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TTATGTGTGCACAGGATGCGGAGATCCCTGCCTTTGAGCTGCAGACCATCCTGAGAAGGG  
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>SEQUENCE:3733:prostate\_MPM2000-004P1Novel007-2-Table1

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TCAGCCCAACAGGCAAGACCCAAACAGGTGCTGAACTGTGCATCAACCAGGAAGAGCTCTA  
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>SEQUENCE:3734:prostate\_MPM2000-004P1Novel007-2-Table1

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AGGACTCCGGAAAGGCCAAGACAAAGGCGGTTTCCCGCTCGCAGAGAGCCGGCTTGCACT  
TCCCAGTGGGCCGTATTCATCGACACCTAAAATCTAGGACGACCAGTCATGGACGTGTGG  
GCGCGACTGCCGCTGTGTACATTTTCCTGAAGAAGCTTAGATATAGTTGTGTTAGTATTT  
TCCCCTGGAATACGCCCCATTATACTTTCTCATGGATAGTCAGTTTGGTGTCTTTTAATC  
CTCTCCTTTTAAAAAAGCATTTTTTGGTTAAACATTTTTTGGAGTCTGTTGTGTAATAGTG  
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>SEQUENCE:3735:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGGCGATTTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTTTTTT  
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AATGAGGAGCTCTGTGCCTTGAGCCCCCAGGCCATAGAATAGTAAATAGTCTGTGCCTC  
CAGCCCTGCAGTGTGANGGTTACAGTCCTGTGGGCTCCACANCCCATCACTCTGTATCA  
GGGAGGCTCATGGTTCTCACCTTTGTCTTTCTTGCCAGCCTTGAGGATNGGAGTCTTNGA  
GCCTCCATCGNNNGCACACGCGAGGG

>SEQUENCE:3736:prostate\_MPM2000-004P1Novel007-2-Table1

TGGCGGCCGCCCGGCAGGTACAGCTCTCAGTCTACTGATGTTTAAGGATGGTCTCGGTGG  
TTAGGCCTACTAGAATAAACTGAGTCCAATACCTCTACACAGTTATGTTTAGACTGGGCT  
TCTTTGACANCCGGGAAGAAGGTGGCGGGGTTTAGGGGCAAACCTTCAATGGTTATGCGGG  
GATGTTACAGAGCAAGCTTTGGTATCTAGCTAGTCTAGCATTTCATTAGCTAATGGTGTC  
CTTTGGTATTTATTAATAACACACAGCATAGGGGGACTTTATGTTTAGGTTTTGTCTAA  
GAGTTAGCTTATCTGCTTCTTGCTAACAGGGCTATTGCTACCAGGGACTTTGGACATG  
GGGGCCAGCGTTTGGAAACCTCATCTAGTTGTTTTGAGAGATAGGCCACTGGCCTTGGCC  
AGGGCCCTACAGTCTGGGTAAAACTCCAACCTGCCACTTTTTCTCTTTCTGACACATAGA  
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>SEQUENCE:3737:prostate\_MPM2000-004P1Novel007-2-Table1

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ACTATTGGCTCAACACCGTGGCCCTGTCTGGTGAAGAGTGTTGGGAAACCCTATTGCCAG  
CATCTACCGGCTCCTTCTGATGGATTTTGTGTTCTCTTTAGTCAATT.CCTTCCTGGGGGA  
GTTTCTGAGGAGAATCATTGGGATGCAACTGATCACAAGTCTTGGCCTTCAGGAGTTTGA  
CATTGCCAGGAACGTTCTAGAACTGATCTATGCACAACTCTGGTGTGGATTGGCATCTT  
CTTCTGCCCCCTGCTGCCCTTTATCCAAATGATTATGCTTTTCATCATGTTCTACTCCAA  
AAATATCAGCCTGATGATGAATTTCCAGCCTCCGAGCAAAGCCTGGCGGGCCTCACAGAT  
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>SEQUENCE:3738:prostate\_MPM2000-004P1Novel007-2-Table1

TACCTGAGTCTGGGCAATTTATAAACAAAAGGGGTTTCATGTGACTCACAGTTCTGCATGG  
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GAAGGCAAAGGGGAAGCAGCCTTCTTCACAAGGTGGCAGGAGAGAGTGCAGGGAAAACCTG  
CCACTTTTAAAACCATCAGATCTTGTGAGAACTCCCTCACTATCACAAGAACAGCATGGG  
GAAACAGCCCCCATGATCCAATCACCTCCCACCAGGTCCCTCCCCTGACACGTGGGGATT  
ACAATTCAAGATGAGATTTGGGTGGGGACACAGAGCCAAATCATATCAGCCTCCTAACTT  
CACATTTGGTAAATTTGATTTCTGGTCCTGCCCGGGCGGCCGCTCTAGAAGTGTGATC

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CCCCGGGCTGCAAGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGG  
>SEQUENCE:3739:prostate\_MPM2000-004P1Novel007-2-Table1  
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GGTGCAGTAGCTCACACCTGCAATCCCAGCACTTTGGGAGGCCGAGGTGTGTGGATCATG  
AAGTCAGGAGATCGAGGCCATCCTGGCTAACATGGTGAAACCCCATCTCTACTAAAAATA  
CAAACAATTAGCCTGGTGTGGTGGTGGGCACCTGTAGTCCCAGCTCCTCGGGAGGCTGAG  
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>SEQUENCE:3740:prostate\_MPM2000-004P1Novel007-2-Table1  
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CTGGTTTTTAGCATTTGTCTGTAGCAATAGAAATTTTACTAAGTCTCTGTTCTCCAGTA  
AGTTTTTTCTTTTCTCAGTAAGTCCCTAAGAAAACATTTGTTTGCCACTCTTACTATTCC  
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ACACAGATTAATTAATAATTGTGAGAAATAATTACACATGACAAGTAGGTAACATGCATG  
AGTTTTGAATTTTTTTAAAAACCCAACTGTTTGACAAAATATAGAACCCAAATTGGTACC  
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ATA  
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GGACACATCATGGAGAAAATCAGAAGAAGTGTTAATAAGACCCACTCCTGGATGCGGCCA  
CTCTCAATTCTCAGTGTCTTTGGGAAGCAAGGTTGCGCATCCACTTGTCTAAACAGATGA  
TGATAGCAGAGGTGCTGCACACCTTCTCCCTGTGACTTGTGAATGCCTTTCATGCTCCCA  
AATAAGGAACTCCTCTCACTGCTGTCTGCTCTGAGCTGTATTTTCAATTTTGATAGCCATT  
GCAGGAGACACCTTTGAACTCCATGCAATGTAAAAGATGTCGTTGAGAAATTCTTCAATG  
GAATTTCTTCCCCTTTTCCCCCAC  
>SEQUENCE:3743:prostate\_MPM2000-004P1Novel007-2-Table1  
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TGAATCCTGGACTAAAGCCACCCTCCCACTTCAGCCTCCCAAGTAGCCGGGACAACAAG  
CACAAGCCACCACACCTGGCTAATTTTTAAAATATTTCTGAGCGATGGGGGCCTCCCTGT  
GTTTCCCAGGCTGATCTCGACCTCCGAGGCTCAATCGATCCCCCACCTCGGGCTCCCAA  
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>SEQUENCE:3744:prostate\_MPM2000-004P1Novel007-2-Table1  
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CTGAAACACAGACTGGGATCAAATGTGCTCATAGTCCTAAGGATCTCCAGCACCTGCC  
GGTGGCACTACTGAAAGACGAGGTGCCAGGGTGGTTCCTGAAAGTGCCTGAGCCCCAACT  
TATCAGCACGGAGCTCATCATGCTGACAGAAGTCATGGAGGTTTGGCATGGCTTAGTGAT  
CGCGGCGGGGTCCCTCTTCTGCAAGGCTGCTTCCTAACCGCCATCAACTACCTGCTTAG  
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>SEQUENCE:3745:prostate\_MPM2000-004P1Novel007-2-Table1  
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TTCCTCTAACTTAACTTCTCTTAAGTGAACCTGTCTTCCACTGGGATGACTGTCTACA  
TGCTCAGGAATCCTGAATTCATGACTATGTTCAACTCCCACGACCATTTTTAAATCATCA  
AAATGGCAGCAAATGTCATTACCTGGACCAAAAAGCTGCAGGTTTTGTGGCAAATGGGAA  
ATGTGTTATAGAATATGACTGGGAAAGAGGGATTTCTTAGTGCTGCCCAGAATTAATTCA



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GCAAACACTGAACATTACTACGTGCCACATATAGGATCATACTGCATTTTCGAGCGGCCGC  
CCGGGCA

>SEQUENCE:3746:prostate\_MPM2000-004P1Novel007-2-Table1

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AAACAAATACAAAAAACCAACGTCCTATTCTAATTCTGAATCTGTTGACTGGAGTGAA  
TTCAGTGGTCACAATACCACCATCAAATAAGAATCAACTTCCTCAGAGTAAGGAGCTGTT  
CCGATCTTCTCAATAGTTCACACAGGTCTCTCAGATATAGGCACCATGTTTTAAGTCTCA  
CACAAAATGTCTGGGTCACTTAAATTACACAATATGGCAATGTTTGTCTTATGGGGACAT  
ACTGAAAGGG

>SEQUENCE:3747:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGGCCGGGCGCGGTTCGAAAA  
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TTCCAGGGAAAGATCTGACCGAAAAAGAAATGATCCAAAAATTAGACAAGCTGGAAGTAC  
AACTGGCCAAGAAGGAGGAGAAGCTGCTGGAGAAGGATTTTCATCTATGAGCAGGTCTCCA  
GGCTCACAGACAGGCTCTGCAGCAAACTCAGGGCTGCAAGCAGGACACACTGCTCTTAG  
CCAAGAAGATGAATGGCTATCAAAGAAGGATCAAAAATGCAACTGAGAAAATGATGGCTC  
TTGTTGCTGAGCTGTCCATGAAACAAGCCCTAACCATTTGAACTCCAAAAGGAAGTCGGGG  
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AGGAAATTGA

>SEQUENCE:3748:prostate\_MPM2000-004P1Novel007-2-Table1

GGAGAAATTATGGCACCAGGACTTTTCCTGTTCTATCATGCGATGATTTAGATTATGATT  
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TAGAATTCTTAATTCTATTGGAAACAAAACAAAACAAAACAAAACAAAACCAAA  
CCAGACCTCAAGTCAACAAATCTATTGGGATATTGTTTACGAACAAAGTCCACCTTAAGC  
ATTGGTCTCAAAACAGAGCTCCTCAAAATATTAGGTGCTGTGCTCATTACAGAATCAA  
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AAAAGTCAAACA

>SEQUENCE:3749:prostate\_MPM2000-004P1Novel007-2-Table1

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TCTTCCGAAACAGCAGCATCAAGAGTTATTTTTCTGACTGTCAAGTTTCAACATTCAGGT  
CTGTCCCCAACAGGCACCACACCGGGGTGGACTCCCTGTGTAACCTTCTCGCCACTGGCTC  
GGAGAGTAGACAGAGTTGCCATCTATGAGGAATTTCTGCGGATGACCCGGAATGGTACCT  
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>SEQUENCE:3750:prostate\_MPM2000-004P1Novel007-2-Table1

GCTCCACCGCGGTGGCGGCCCGCCGGGCAGGTTCGTGTCACTTTTATGATCTTTATTGTT  
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GGAGAAAGGATATTGGGAGGAATCGTAGTCTTTGCTACAAGGTAATACCGTATAATTTT  
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CCACCTTTACCTTGCTAGCACAGTTAGCATGGTCTTGGTATCTAGTGTAATCTGATCT  
TATCCAAACATGAATTTGTTACTTTTTATTAATTGTTAACTGTTGATTTCAAGTCTC  
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>SEQUENCE:3751:prostate\_MPM2000-004P1Novel007-2-Table1

CAGGGCGAACNNCNAACCNCAAGNGANCCACCCGCTCAGCCNCCCAAGNGGAAGGAA  
C  
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ATGATAGTTATCTAGCTTTGCCAGACCAATTTGTTAGTAAATTTAAACATTAAAAAAT  
TTTGAATCCTCCTAATTCTGTGTCTCTAATTTAGTAATTTTAAAGTTTGTATCCTTGTTTC  
ATTCTATCATTCTTTTATTTAAAAAATTGTCATTGGCTTTTCTAAAAGTGAATCGTGAA  
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>SEQUENCE:3752:prostate\_MPM2000-004P1Novel007-2-Table1

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GCGGCCGCCCGGGCAGGTTGCGGCACAGAGGTTGACTTTGCTGTTTCTCCTTCTACCAAGC  
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TCCTGGTGAACATGGACGACAACATTGTGAAGCATTACTCCAATGAGGACACCTTCCAGC  
TGCAGATTGAAGAAGCCGGGGGGTCTTACAAGCTCACCTGACGGAGATCTAAAGGCCTG  
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>SEQUENCE:3753:prostate\_MPM2000-004P1Novel007-2-Table1

TACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACATTCCAC  
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CATAACATGCTCAAATGCCAGAGGGCTATCCCCAAGTCAGTCTTGGCCCAGGCAGAAAT  
CTCATAGGATGTATGAGCTGTCAGATTGCCAACTTTGTGTGACAATATGCTTCCTCGGAA  
GTTCAAAGTTCTCCTCTCTTGCTTGTGGGTGTCAAATGCCAGAAAAGGTTTACCACATA  
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>SEQUENCE:3754:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTAC  
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GCAAGAGAAGAAAGAAAAATTGACTTAATAATACATTCAATTTAGTGCCCAACGCCATGC  
CTAACACCCTTATAACGTGTCTATAAAGCAAGGTTTGCCGTTACTACAGATGCAAAGGCC  
ACCACAGCAGAACCTTTTGGGCAAGGTGCCTCGCCCAAAGAACCGCCACCAAGTCATG  
CCATTACACTAATTAAGTGCTCTAGCTTGTTCGGATCGTTGGGCAACACAAATTCTGT  
AGGCTTCACCGCATCCCCAGGGGTCCAAGGTTGCAGCACCCACCCCTTCCACCGCTCAC  
TTAACCAGTGAATGTTCAAGGTGCCTACCTGTGTCTGTCTCACTGTGAATGATCCCCCTG  
CTGAGGACTCCCAAGCGTACCTCGGCCGCTCTAGAACTA

>SEQUENCE:3755:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTAACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACG  
ATCTTGGCTCACTGCAACCTCTCCCTCCCGGGTTCAAGTGATTCTCGTGCCCTCAGCCTCT  
TGAGTAGCTGGGATTACAGGCGCGTGCCACTGCGTTCCGGCTAATTTTGTATTTTGTAGT  
AGAGATGGGGTTTACCCTATGTTGGCCAGGCTGATCTCAAACCTCTCTGACCTCATGTGGTC  
CACCCACCTTGGCCTCCCAAAGTGCTTGGGATTACAGGCGTGAGGCCACCGCGCTCAGTC  
CTACAAGCAATTTTTTAAAACTGACACCTTATTACTGATAAAAGTTCTCTTGTTTAAA  
AATCCTATTTACTATTTTAAAGATAAGTATTAAGTTTTTTTT

>SEQUENCE:3756:prostate\_MPM2000-004P1Novel007-2-Table1

CACTATAGGGCGAATTGGAGCTCCACCGCGGTGGTCGGTCGCCCGGGCAGGTACGCGGG  
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GATGCTGTGGTGGAAAAGAGCTTATTTAGTTATTTGGCTAATTACCTTGAAAA

>SEQUENCE:3757:prostate\_MPM2000-004P1Novel007-2-Table1

CGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCCGAGGTACTTTTTTTTTT  
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TT  
GGGAAAAAAAACCCCTTTTTTATTTTAAAGAGGGCCCTTTTTTTTTTATTCCCAAACACC  
CTTTGAGGGAACTTTTTTTGGGGGCGGGTCTTACCACCCCTTTTAGATTGGAGAAGGGC  
CCCTTTTTTCCGGGCGGGGGTTTTTGGGGAAAAAAACCTTGGGGGGGGGGGGTTTTTCCG  
GGGGGGGGGGTTTTTTTTTGGGGG

>SEQUENCE:3758:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACT  
TTTTTTTTTTTTTTTTTTTTTTTTAAAAAAGAGAGTATTTCAAAGTGGAATAAATAGGTTG  
AAACTGTTGAGAGGTCTAATTAGATGAGAACTAAACATCCTTTGGATTGTTGTAACAGAG  
TTACAACTGCATTTTTATTGAAAATGAAAATGCTTAATTGAGAGTGATATAAACTTCTA  
GGTAAAGATGGCAAATTGAACTCATGCATCTAATTTTGCTTGTTCCTGATGCCTCTCTTA  
TACGATAAACAGATTTTTTTAATGGAGTCTCGCTCTGTCAACCAGGCTGGAGTGCACCAT  
CTCAGCTCACTGCAGCCTCCGCCTCCTGGGTCAAGTGATTA

>SEQUENCE:3759:prostate\_MPM2000-004P1Novel007-2-Table1

GTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGACAGTTTTCCCT

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CAGTTTTTTTCCCCTTCCTTACCCCTACCCCATCAAATACAGCCCAACCAAATAACTGT  
GTTCTTAATTTAAAGGAAAATGGCAGACTTGATACCTGCTGAATATTTTCGTGTAGACAGA  
GTATGACAATGAATGAGATCCCCAGTCATTGCCCTTGTAAGCCTGGGCAACAAGAGCAAA  
ACTCAGTCTCAAAAAACAAAACAAAAAACCTGTTGGTATAGTACCTCGGCCGCTCTAGAA  
CTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCG  
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>SEQUENCE:3761:prostate\_MPM2000-004P1Novel007-2-Table1

GTAATACCACTACTATAGGTCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTAAC  
AGGGTGTCTGGTCTTAGAAGCCTCCCTTCAGATCCCAGCTGACCCTGGTGACTGCCTGGC  
CTTGATGTTGGCTGCAGCCTTCTGATAGAACCACATGGATTCCACCCACAGCTGGCCAGG  
CTTGTTACATGGGTCAGGGAATACAAATGGCCCCCCCCAGGGAGCAGGTGTTGGCCTCAG  
TTTTCAGGGACCCTTGGTGTGCTCCTTACCTAGAGCCCATTAATCTACCCCATCAACTC  
TCTGCCATGAAAGCCATCTTCCAGGAGCCCTGTTTTTTGGAGCTGAACTGCACAGATTAT  
AGCTGCTATTGTACCTGCCCGGGCGGCCGCTCTAGAAGTGTGGT

>SEQUENCE:3762:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGTGTCCCTTCTCCCCTGAT  
TCTTCCCTCCGGGTAGGAGGGAAGAATCCGCCTGAGCAGTGGCCTGCCAGCACTTGAGAG  
GCTCCGCAAGCACAAGTGTGTTTATGGGAGTTGTGCACATGCTCAGTTGAGGCATTCTTC  
CCTTACCAGTCGAGTGTTTCTAGAGGAAGGTCATAGACTAATAGTCTAATAGTCTATGAC  
CTTTAGTCATACTAGTGACATGCCTGAGCCCACTCACCTGTGAACCCCCAAAATTTGAG  
ACAGGTCTCAATTAATTTAGAAAGTTTATTTTGCCAAGGTTGAAGACATGCCCAGTGACA  
TAGCCTCAAGAAGTCCTGATGACATGTGCCCAAGGTGGTCCG

>SEQUENCE:3763:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGAACT  
GGAAGAGGCCTTTGCAGGGACAGAGACGGAGAAGGCTCTTCGGTCGCGTTTGGAAGCAA  
GCTTTCAGAGATGAAGAAGATGCACGAGGGGGACTTGGCGATGGCTCTGGTCCTGGATGA  
GAAAGACAGACTGATTGAGGAGTTGAAGCTGTCTTTGAAGAGCAAAGAAGCTTTAATTCA  
GTGCCTTAAAGAGGAGAAATCTCAGATGGCATGTCCTGATGAGAATGTGTCATCTGGAGA  
GCTCCGAGGACTTTGTGCTGCTCCAAGGGAAGAAAAGGAGAGAGAAACTGAGGCTGCACA  
AATGGAGCATCAGAAGGAGAGAAACAGCTTTCAAGAGAGGATCCAGGC

>SEQUENCE:3764:prostate\_MPM2000-004P1Novel007-2-Table1

GTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAG  
GTACTTTTTTTTTTTTTTTTTTTTTTTTATAGGGCTTCTTTATTTTCTTTTAATAATGTT  
TTATCATTTTCAACATATATATTGTATGGGTCTTTTGTTAAATTTATTTCTAAGTAGTTT  
ATAAATTTGCTTCTATAAATTATTTTAAAAATTAATGTTTTATTTTGGGGCTTACTCTC  
TCCATGATTTTCTGCTAATCTTCTTGCTGCTCTGCCAATCTCATATTGTATCCTCTGACA  
CTTTAAGCTAGTAAGGCTGCAGATTTTGGCCCTGGAGCCCATTCCAGACTGGAAAGTTC  
TCTCAGGCAAAAAGTCACAACTTGCAAGATCTCATTTCATCACAGT

>SEQUENCE:3767:prostate\_MPM2000-004P1Novel007-2-Table1

TCACAGGAGCGCCCTATTTCTTTCAATTAACATAAGGACAAACACATCTAAAAGGTGAG  
ATAAGAGACCAGTATGATTTGCCAAAATCTATTTTGCAGTATTTTGAAANGGATAAAG  
GTTACCTTTGGGGATTTGCACTGCATGAATTCTGGGAAAAGCTTGTTCGGATATTGTGATA  
GAGATAGAGAAATGACGTCTATTATATAAGACACTATGAGGCTCCCTG

>SEQUENCE:3768:prostate\_MPM2000-004P1Novel007-2-Table1

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTTTTTTTTTT  
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TTGGACAGGAGTCTGGAGCTCAGGGAGCCATCAGCATGGTGACCCATGTGGACAAGCTTA  
ACTCGGTGATTTCACTGAAAGTCCCGGGACTGGGCGGCGTGATTGCCAGGGGCATGGGCT  
CTCAGTGGTATCATACTGCCCCCTAGGGGCTACCAGAACTGCAGTCTATTTTGGTGGT  
CAGTAATACGGGGCTACTGGCATTGGAAGGAAGGGTATCAGGGAGGGGACTCTAGATGTC  
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>SEQUENCE:3769:prostate\_MPM2000-004P1Novel007-2-Table1

GCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACC  
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CCCTCCCAGGAGAAGACATTTGGGTCTTGGCCTGAGGCAGGGGTGTTGAGCGATGATGCT  
CTGATATGGAGCTGTCACTCTAGAGCTCGGCCAGATGGAAGACACTATAGAACCAGGTTG  
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CAGATGGTGGCTGCTGACAAGGCAAGAGGAATTTAGAGATTAAACATT  
>SEQUENCE:3770:prostate\_MPM2000-004P1Novel007-2-Table1  
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CTGCGTTCGGTTTCCATTGGCTGGGACGGGACCTCACCTTCTGTATTTGTCCCGACTGGC  
TAGCACTTAGAACTTTTTAAAAGAGGCCAAAGGCATAGGAGAACAAAGGAAGGAGGAAGTA  
ACTTGTGGAATATTGAGAAAGGTAAAAACACCTTTAAATAAGGAAGAGGAACAGGCTATG  
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>SEQUENCE:3771:prostate\_MPM2000-004P1Novel007-2-Table1  
TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACATGGTTTGCT  
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TAGGGAAATTTTGCAATCTTCTTGAGTTTCGTTTCTCATCAGGAACAGGATGCTACCTAA  
GTCACAGGATAGTTGCTAGATTTAAATATGATCGCATGGCAGTGGACATGAGCCATAATT  
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CAACATTTGACAA  
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TCTTGTTTAACATGAGGAAAGGGTCAAATTTGAGGAAAAATGGCCTCTTGTTTGATGTGT  
TTTAGTTCATTATTCTCTTCTATTAAGAGAAATTCAGTGTAAAAAATTGTTTCCCATTT  
CCGTATCTGAAATAATGACTGTAGTTGAGGTGATCTTGCCCTGGGTCTGAAATCATACTT  
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>SEQUENCE:3773:prostate\_MPM2000-004P1Novel007-2-Table1  
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AGGATGGTCTCAATCTCCTGACCTCATGATCCACCTGCCTTGGCCTCCCAAAGTGCTGGG  
ATTACAGGCATGAGCCACTGCGCCAGCCGAGTCATTTTTTAATACTACTGCATGTGAGT  
TAACACAATCATTCCCAAATTGAAGTTTTAGATGGGCCCTCAAATTTTTTAGGATATGGT  
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CTTAAAGGAGAAAGGGAGAGGCCAGAGACCAAATGTCCCCATTTCCCTATAG  
>SEQUENCE:3774:prostate\_MPM2000-004P1Novel007-2-Table1  
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TAATTTATTTGAAAAATCTGCAGCTGCTACTGAAGAAGAGAAAGATAAAAAGAAAGACCC  
TCATGATGTAAGAAATTTTGACTATACTGCTCGAAGTTGGACTGGAAAATCTCCCAAACA  
ATTTCTGATTGATTGGGTGAGGAAGAATCTTCCCAAGAGTCCAAATCCTTCCTTTGAAAA  
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CCTGGTAGTATGCCCTACAATCTTAACAGAAGATGGC  
>SEQUENCE:3775:prostate\_MPM2000-004P1Novel007-2-Table1  
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CATATTATGATTACAGTCCTTCACTCATTCACTACTGCACATTAAATGCCAGCAGTGTTT  
GGAATTTTTTTGCCAGTAGGAGGGCTGACACTGAACACCACCTCTGGGATGATGTTTCT  
CATCCTCATATGCTTCTCCATTGTAGTGGCGCCGTCTTCCCGATTTGGATCAAAGTCCA  
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TTCCAGCAAAGACA  
>SEQUENCE:3776:prostate\_MPM2000-004P1Novel007-2-Table1  
GCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGC  
AGGTACAGAACTGAAATCAAATATCGAGGATAGCAAGAAAAGCTGGCAACTTCTATGTA  
TCTGCAGAACCCAAATTGGCGTTTGTATCAGGATCGGAGGTTATCAATTGGGTGAGCCC

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AAAGGTCTGAAAGGTGTTGCAACTTCTTTGCCTCATCAAATCTTCAATAGAAACTTTGTG  
AAGCTCAGCAGGGCTTCAATAATGTGCTGAGGTTTGTAGAACCATATATTGCATGGGCAT  
ACCCAAATCTGAAGTCAGTAAATAAACTAATCTACAAATGTGGTTATAGCAAATGAATA  
AGAAGCTACTTGCTCCAACAGATAATACTTTGATTGCTCGATCTCTTG

>SEQUENCE:3777:prostate\_MPM2000-004P1Novel007-2-Table1

AGCGCGCGTATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGT  
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GTATCAAGCCAAGTTTACCAAGTGGGCTTATTATATGTATTTATAATTCTTCCTAGTATA  
GCCAATAATAAAATGAAAATAAGTGAAGAGAAATAAAAATGAAGGGTTAATTTCAGGGTA  
GCAATGTAATAGTTTTTTATGCAGTTTATAAGCAAATGACATAGGCATCACCATGAAGCT  
GACTTGATAAAATGAAGACCACTTATAGAAGACAGTGATTTTCAAACCCACTCCTCAGAT  
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>SEQUENCE:3778:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTCATCA  
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ATATATTTCCCTAGTATTTCTGGGATGATTTTTTTTTCTCAATGACTTTTGAGAATGCTT  
TTGCTTTGTTCTCAAACCTTTGATAATCTCCATCATTACTGGTTGGGTATCCCTTATCTG  
AAATGCATGGGACCAGAAGTGTTTCAGATCTCAGATTATTTCATATTTGAAAATATTTCC  
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>SEQUENCE:3779:prostate\_MPM2000-004P1Novel007-2-Table1

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TGCAAATATTGAAAACCTTTGGAATGAGGAAGAAGTTTGGAGAATTGAAATGTATATCTC  
CTTTGGCATAATGAGCCTTGGCTTACTTTCCCTCCTGGCAGTCACTTCTATCCCTTCAGT  
GAGCAATGCTTTAACTGGAGAGAATTGAGTTTTATTCAGGTATGTGGGGTTTTGTTTGG  
TGAAGGATTGTGCAGGATAGGATTTCTTGTAAAGAACAACCTGCATTTTAAATATGTTCC  
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>SEQUENCE:3780:prostate\_MPM2000-004P1Novel007-2-Table1

GTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCG  
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ACTAAGAAGCAGAAAAGAGAAGATATTCTCGTGGGGGAGAACAACGGCTGGGAGGGGGAGG  
AAGCATGGCCAAGGCAAAGAGGTGGGCATTAATAAGAAGTCTTCTTGCTGCCGCCATAT  
GAAGAAGGACGTGTTTCGCTTCCCCTTCCCTCCATGATTGTAAGTTTCTGAGACCTCGCCA  
GCCATGCTGAACTGAATACAACATGTTTAAGACCACAGAACATCTGCATAGGCTGTAAAT  
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>SEQUENCE:3781:prostate\_MPM2000-004P1Novel007-2-Table1

CACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGNGCCGCCCCGGGNCAAGGTACTTCA  
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CCTTAATATTTCTTATCCTGAANAGAGTATTTCTTAAGNTGCCCTCTCAAAGTATATCG  
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>SEQUENCE:3782:prostate\_MPM2000-004P1Novel007-2-Table1

AGCGCGCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAG  
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TGAGGGCAGCTCAAATCAGTGATATGGTTTGGATCTGTGTCCCCACCCAAGTCTCATGT  
TCTGTATTCATCCCCAGTGGTGGAGGTTGGGCCTGGTGGGAGGGGATAGAATCATGGTGG  
TGATTCTCATGGTTTACATCACTCTCCTTGATGCTGTCAATTGGATTAGTGAGTTCTCC  
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ACGTGAAATGCTAGCTCTCCTTTTGCCTTCCCTCCATGACAGAAAGTT

>SEQUENCE:3783:prostate\_MPM2000-004P1Novel007-2-Table1

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CAGTTGATCTTGAAAGAAGAGATGGAGAAAGAGAGCCGGGAAAGGTCATCTCTGTAGCC  
AGTCGCTACGATTCTCCCATCAACTCAGCTTCACATATTCATCATCTAAACTGCATCT  
CTCCCTGGCTATGGAAGAAATGGGCTTCACCGGGTAAGATTTCTCCCCGATTGTTT

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CTGCCTTTACTCCACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATT  
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>SEQUENCE:3784:prostate\_MPM2000-004P1Novel007-2-Table1  
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AGCCCCAGTTTTATGAGATCAAAGCAGGAGGAGAATTTAGAAGCTTCAAAGATTCTGCCA  
CAAAGCAGAACTGATGAACAAAACCTTGAAGATCGTTTGAAGCAAAAATG  
GGACATTGAGTGTATCCGACACCACCGCCGGCAGCAAACAATTGACATTACGTTAAAGA  
GGTCTGAACAGCAGAAGAAGCAACAGGAGGCTGAGAACTGCATCGACAAGAAAGGAAAA  
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>SEQUENCE:3785:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:3786:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:3787:prostate\_MPM2000-004P1Novel007-2-Table1  
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TCAAGGAAGCTTTCCAGCTACAAGGAATGCCCAATTCTTCTGGACTCATGAACCGTCGTG  
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ATGGCCGATCAAACAACCCATATGATTTACAGCAT  
>SEQUENCE:3788:prostate\_MPM2000-004P1Novel007-2-Table1  
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GCTTGGCAGAAGCTATGCAAAGCTGATGGTATCCTTGTGCCTGGAGGCTTTGGAATCAGA  
GGAACATTGGGAAAACCTCCAGGCGATTTCTTGGGCAAGGACAAAGAAGATTCCTTTTCAG  
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>SEQUENCE:3789:prostate\_MPM2000-004P1Novel007-2-Table1  
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TGGAAGTGTGTCCTTACCCTTCTGCAGAGTGAGGAGCAAGCTGTTAGAGATGCAGCCACG  
GAAACCGTGACAACCTGCCATGTCACAAGAAAATACCTGCCAGTCAACAGAGTTTGCCTTC  
TGCCAGGTGGATGCCTCCATCGCTCTGGCCCTGGCCCTGGCCGTCCTGTGTGATCTGCTC  
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>SEQUENCE:3790:prostate\_MPM2000-004P1Novel007-2-Table1  
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AGCACTTGTAAGCTTATATACTGGTGCATTTGGTTTTCTGTTGGGTGAATGCGGTGTGTG  
GGCGTTTGTGGATTCTGAAAGAGAAAGCCGTGTGTGCGTGCCATGACATTTCTATTGCA



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CATTCTTTGTA CT CAGAGGAATTTTTTTGTTTTGTTTTGTCTTTTAAGAAAGGAAAGAAA  
GGATGAAAAAATAAACAGAAAACCTCAGCTCAGGCACAATTGTCACCAAGGAGTTAAAAG  
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>SEQUENCE:3791:prostate\_MPM2000-004P1Novel007-2-Table1

ATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTAC  
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CCCACATGTTGTAGGAGGGACCCAGTGGGAGATGACTGAGTCATGGGAGTGGATATTTCC  
CATGCTTTTCTCATGATAGTGAATGGGTCTCACAAGATCTGATGGTTTTAAAAGTGGGAG  
TCTCCCTGCACAAGCTCTCCTTTTGCCTGCTGCCACCCACGTAAGACATGACTTGCTCTT  
CCTTGCTTCTGCCATGACTATGAGGCCTCCCCAGCCATGTAGAACTGTAAGTCCAATTA  
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>SEQUENCE:3792:prostate\_MPM2000-004P1Novel007-2-Table1

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ATTGAACAAATTTCCAGAGAGAAGTGAAAAATATCAAAAATTAATACTTGAAG  
ACAAGTTGAGAGACCATTTAGTCTGGCCACCTGTATCCAAGATTCATTTAAACCAAGCA  
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>SEQUENCE:3793:prostate\_MPM2000-004P1Novel007-2-Table1

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AGGAATCATATTGCTTTTGTGAAACAAAGAAAATTTACCACCTTGTCTGATACATAGATT  
GGAAGGCGCTCTTGGTAAAGAATAACCCACAAACACCTGATCTTGATTGGAAAGCATTGT  
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TGACCTTGTTACTAACTGAAAGTTA

>SEQUENCE:3794:prostate\_MPM2000-004P1Novel007-2-Table1

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CGCGAGAAGAAAGACACTAGATCCTATAACTGCAGGGTGGCCGAATCAACTTACCAGCAC  
CACCCAAAAAGGCCATCCCGGCAGATTCACAAAGGGGACATCACATTGGTGCCTACCATA  
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>SEQUENCE:3795:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATATATCC  
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TTTTCTGTGTGAAGGATTTAGTATTTCTTGTAAGGCAGACGTCCATAGGCAACAAATTGT  
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TCATATCCTGGTGATGTCTTTGTTATAAGGAAAAAAAATCCCTAAATCCAGCCTTCAA  
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>SEQUENCE:3796:prostate\_MPM2000-004P1Novel007-2-Table1

ATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTGTGATGTTT  
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GAAAGTGCTACTGGCATCTGGGAGGAGGCTGCTAAACATCTCACAATGTGTTACCCCGTC  
CCAAATGTCAGTCGTGTTGAGGCTGAGAAACATGGTTTAAATGAGTCAGAGGCTGGCCAC  
AGTGGCACGTGCCTGTAGTCCCAGCTACTCAGGAGGCTGCGGTGGGAGGATTGCCTTAAC  
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>SEQUENCE:3797:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGC  
C  
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TTNCGTTTCTGCATTCATCCCCCTTCGTTCACTCCCATAACAACCAACAGCGACAACCTGG  
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AGAACGAGAATGAGAAACCCTGCGACGAGTCTGCTGACAGCTGATATAAGTCTGCAAAAT  
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AATGCAAA

>SEQUENCE:3798:prostate\_MPM2000-004P1Novel007-2-Table1

GCGTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTG  
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GGGCCTGGTGGTTGATGGTGCTCATGCTGTTGTAGACAAAGGTGCTGCACAGGAGCACAG  
CCAGGGCAAAGATCCAGGAGTCATTCTTAGGGTCACCCTGCTCTATAGCACCGCAGGTCC  
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>SEQUENCE:3799:prostate\_MPM2000-004P1Novel007-2-Table1

GTAATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGG  
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ATCTTTTGGCAGCAAACAACCTTCCCCCAAGCCTCTGAATTTTGGAGGAGGGTAGGCTT  
GATGAATTGTTTAGAAATTTTGTGTTTGGTGGTGGCAGGAGGGGAGGGATCATGCGGCCT  
TCTGGTCACAAGCAAGCCTGCAGAAGATCCAGTGGCCTTTCCAGTTGACTTATACAGCCT  
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CACATACAACCTT

>SEQUENCE:3800:prostate\_MPM2000-004P1Novel007-2-Table1

GCGTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCA  
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TGGGCCAGGTTTGTAACTTCAAACATCAAAGGGTAGGGCATCAATTTTAACTAAAAAAT  
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>SEQUENCE:3801:prostate\_MPM2000-004P1Novel007-2-Table1

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CCTTTTTTTTTCTTTAAAAAAAAAAAAAAAAAGGGGGAGCCCCCCCCCACCACCCCAACCAAA  
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CCCAAAAAAAAAACCCCCCCCCCCCCCGAAAAAAAAAGGAACCCCCCGGGGAAAAAAAA  
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>SEQUENCE:3802:prostate\_MPM2000-004P1Novel007-2-Table1

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TAAAGGGGGGGGAAAAGGGCCCCCGGGGGGAAAAAAAAAGGGGAAAAGGGGTCCCGGGGGAAA  
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>SEQUENCE:3803:prostate\_MPM2000-004P1Novel007-2-Table1

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GAAAAATAAGATTGCATAGTAAAAAGGGATAGATGGCAGGATTAATTCAACTCAACAAA  
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>SEQUENCE:3804:prostate\_MPM2000-004P1Novel007-2-Table1  
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GGCGGAAAATTAATAAAAAAATTTT  
>SEQUENCE:3805:prostate\_MPM2000-004P1Novel007-2-Table1  
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CCAATCTTATTCGAGTTCATAGGCTCTGAGTGAAATGTATATGGGCTTCAAGGTGACACG  
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GTCTATCCTAAAAAAAAG  
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TACTTAAGCAGCTTAAACACTTCCGAGTCTCCACAGCACTCTGATACTTACTTAAACAGC  
TCTTTTAACCTGCCCTAGTATTCTTAAGTGACAGCATATCTAATTTTTTTTTTCTCAGTA  
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TCAGTGGTTCTACACAGCCGACACTACTTCTTACATAACACTTGGTCTCTCTGGCTTCTG  
GAAAGGGCGAGGGGTTACCTTCCGGAGTCCAGTGCTCTTTCGGCACTTCTGCAACCAGGC  
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>SEQUENCE:3808:prostate\_MPM2000-004P1Novel007-2-Table1  
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GCCTCTTTCAATGGCTTTGTTTTCTCTCTCATTCTTCTACTGTGACATTCTACAGTT  
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>SEQUENCE:3809:prostate\_MPM2000-004P1Novel007-2-Table1  
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AATGTTGTTCTACAGTGATTGTGCAATGGAATGAATTGGGTCTTGCAAATTCATATAT  
TGAAGCCCTAACCCCAAATGTAATTGTTTTGCTGTAAGGAAGTAATTCATATTAAATGA  
GCTGAGAAGGTGGGGTCTGATCTGATAGGATTCTTGTCTTATAAGAAGAGCCACCAGA  
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>SEQUENCE:3810:prostate\_MPM2000-004P1Novel007-2-Table1  
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TGTGTCTCATCTATATGCACTCTCTGATGGGCAAGGAGGTATGAATTACGACTGAAGCCC  
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ATGTGATCTCTTTGATGTAAGTGAAAATATGAACTGTAAGTGAAGCACTTTCCACACACT  
TCACATTTATATGGTTTTTCTCCAGTGTGAACTCTCTGATGAGTGTGAAGAACAGAGCTA  
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>SEQUENCE:3811:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACGCGGGGCA  
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ATCTATAGAGCAATGAAAATGCAAGAGCAATAGCTATGGGCACCAAATGGTCAATCTTCT  
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>SEQUENCE:3812:prostate\_MPM2000-004P1Novel007-2-Table1

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CTTCTCTTTTTTTAACATATACATCTTAAAAACAAATATATAAAAAATTCTTATTTTGC  
TGGAATGCTTTCAATTTTTCACATTTTACATGATCATCACATTTATTTCTTATATTGAAA  
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>SEQUENCE:3813:prostate\_MPM2000-004P1Novel007-2-Table1

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CCCTGTGCCAGGGACCTTGGCCCAAGCTGCTGACCTCCAGGGTGGGGAGGGAGCTACCC  
C

CAGGAGAAGAGTCACTCAGACAGCAGTATGAGCAAGCCAGCCAGCAGCTCCGTGCCTGCA  
CCCAGCTCAGGGGAATCCCAGGGGGTTTCAAGATGCCAGGAAGGAAAAGGGGACAGCGCTA  
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>SEQUENCE:3814:prostate\_MPM2000-004P1Novel007-2-Table1

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CACATATCAAAAAAATGAAAAACAACTTGCCTTCCGAAAAGCCCGNAAAGGCCCAAAA  
TAACTAAAAAATACTGAAAAATCTTTACTGCAAAAAAAGAAAAAAGGGAAA  
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>SEQUENCE:3815:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:3816:prostate\_MPM2000-004P1Novel007-2-Table1

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TTCCTTAAAGGATGGGCAGGAAAACAGATCCTGTTGTGGATATTTATTTGAACGGGATTA  
CAGATTTGAAATGAAGTCACAAAGTGGGCATTACCAATGAGAGGAAAACAGACGAGAAAA  
TCTTGATGGCTTCACAAGACATGCAACAAACAAAATGGAATACTGTGATGACTTGAGGCA  
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ATATCTGATCTCTACG

&gt;SEQUENCE:3817:prostate\_MPM2000-004P1Novel007-2-Table1

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CTGCTTTCAACTTAAAGCCAACTGTAAACAACTGAGACAAAATGGGAATACAACAACG  
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GGGATCAGTTTGAAATTCCGTTAACCCATCAACTACAGTTCCGTATTCCCCAACAACGAT  
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&gt;SEQUENCE:3818:prostate\_MPM2000-004P1Novel007-2-Table1

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&gt;SEQUENCE:3819:prostate\_MPM2000-004P1Novel007-2-Table1

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ATGTCATTGTAAGATTTAAACTAAGGGCTTTTATCACTTTGCAAATTATTTTTTAAATG  
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&gt;SEQUENCE:3820:prostate\_MPM2000-004P1Novel007-2-Table1

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ACATACCATGGATTATGTGAACCTCAACGGTTCAGGAAGGAGAACTTTGTGTGTTT  
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&gt;SEQUENCE:3821:prostate\_MPM2000-004P1Novel007-2-Table1

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CCCTATTACATCCTTGTTCCATTTCTGTCTCACATGACACAGCCATCTTCCATGCTTAT  
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&gt;SEQUENCE:3822:prostate\_MPM2000-004P1Novel007-2-Table1

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GATGTTATCACAGGATGGACAGAAACATTCCCGTTTGATTTATTTTTCAGACCCAGTTTG  
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TTCTGGATAAACTTCGAAGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCA  
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>SEQUENCE:3824:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:3825:prostate\_MPM2000-004P1Novel007-2-Table1  
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GACAACCCTGGAAGTGTTGGCCGAGGCTAGGAGTTCACAATGTCTAAAAGTCAGCTGA  
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>SEQUENCE:3826:prostate\_MPM2000-004P1Novel007-2-Table1  
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CCCAGCCTGGTGGCACACGTCTGTGGTCCCAGCTACTTGGGAGGCTAAGATGAGGGAATC  
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>SEQUENCE:3827:prostate\_MPM2000-004P1Novel007-2-Table1  
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GCTCCACATTAACCTTGCGGCAGGCGTCTACTTGCTCTGCATGCTGTAGCAGTGCACGTC  
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>SEQUENCE:3829:prostate\_MPM2000-004P1Novel007-2-Table1  
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GATGTGATCCTTGATCGNNNAAAAAAAAAAAAAAAAAAANAAGTACCTCGGCCGCTCT  
AGAAGTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGAC  
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GGCGTAATCATG  
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ACCAAAGAGCAGTGTTTAAAAGGAGAGCTTCTATACAAAACCTATTCCTGGCGTTACTTT  
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TCATTTTCTTCTGCTCCAACAGCTGGAGTAAAATTCATGGGAAATGGCCCTTCATTTAA  
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TCCTTTGAAATTCCACAGGACAATACAGGCGCCCCAGCTGTTCTTCATAGAGCGACAGTG  
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>SEQUENCE:3833:prostate\_MPM2000-004P1Novel007-2-Table1  
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GAAGTTACACACAATACATAAACTTCAATTTCAAACAGTTGCTTGGTCCCACTAGCCATG  
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>SEQUENCE:3834:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:3835:prostate\_MPM2000-004P1Novel007-2-Table1

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AACTTAGGGCAGATGTGTCAATATATTTCCAAGTTTAGCATAATATAGGTATAAAAATTA  
AATAAAAAGTTTATATNGTGTGTGTATATATTGGGTTAATACACAACACATACCTCCTAG  
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>SEQUENCE:3836:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:3837:prostate\_MPM2000-004P1Novel007-2-Table1

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CCTGGCCAACACGGTGAAACCCCATCTCTCTAAAAATACAAAATTAGCTGGGCGTGGTG  
GCACACGCCTGTAATCCCAGCTACTCAGGAGGCTGAGGCTGGAGAATCATTGAACCTGG  
GAGGGGGAGGTTGCCGTGAGCTGAGCTTGACCATTCAGCTCCAGCCTGGGCGACAAGAG  
TGAAATTCCATCTCAAAAAACAAAAACAGATTGACAACAAAGACAGTTTCAGAAAATGAC  
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>SEQUENCE:3838:prostate\_MPM2000-004P1Novel007-2-Table1

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GGCTGGAGTGCGGCCTCACATGGTAAAGTAAGCTGGCCTTTCTTATTTGTACCTGGAAA  
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>SEQUENCE:3839:prostate\_MPM2000-004P1Novel007-2-Table1

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CCATTGCACCTTTTTTAAAAATGTTTATTGATACAGCCTCCCTATGTTTCCCAGACTGAT  
CTCAAACCTCCTGGCCTCAAGCAATCCTCCTGCCTCAGCCTCCCAAAGTGCTGGGACTACA  
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>SEQUENCE:3840:prostate\_MPM2000-004P1Novel007-2-Table1

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TTATGCTGATATTTGGAGTTAAGTCCATTCACCCTCTACCACTGCAAAATCCCATTACAT  
TTGTCTATATACCTGTCATAATGGCCCTGAATAAAGTCTTCCTTACTGTGCTTTAACAAT  
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>SEQUENCE:3841:prostate\_MPM2000-004P1Novel007-2-Table1

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AAATTCCATCTCAAAAAACAAAAACAGATTGACAACAAAGACAGTTTCAGAAAATGACAG  
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>SEQUENCE:3842:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:3843:prostate\_MPM2000-004P1Novel007-2-Table1

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ACCAGTTCTTCAGGCTTAAACCACCCGCGTACTGGAAGCAGGAGGGAGCCCTGGCTAGGG  
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>SEQUENCE:3844:prostate\_MPM2000-004P1Novel007-2-Table1

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GCAAAAACATGTCACTACTTAGACATTATATTGTCATCTTGCTGTTTCTAGTGATGTTAA  
TTATCTCCATTTCAGCAGATGTGTGGCCTCAGATGGTAAAGTCAGCAGCCTTTCTTATTT  
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CTGTTTCTTCACTGGGCACAGAATTTTAATACTTATTTTCAGTGGGGCTGTTGGCAGGAA  
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>SEQUENCE:3845:prostate\_MPM2000-004P1Novel007-2-Table1

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AGCACCAACTTTTCAAAAAAAAAAAAAAAAAAAAAAAAAAGGGTACTCCCAACTGTGGTCCG  
CTCTCACCCCTTCTGCTGCTCTCGTGGCCCCCTCGCGATGGCGGGCATCCTGTTTGAGGA  
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>SEQUENCE:3846:prostate\_MPM2000-004P1Novel007-2-Table1

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GCCATCACAGTTCACTGCAGCCTTGACCTCCAGGCTGAAACAATCCTCCACCTTAGCC  
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>SEQUENCE:3847:prostate\_MPM2000-004P1Novel007-2-Table1

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GGGCGATCACATTCCTCAGAACCGCATTGTCCAATTCAATAACCATCATTCACATGTGGC  
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CAATAACTCTACCTTCTATTTTTATGGATTAACTAGTTGGAGTAGTT  
>SEQUENCE:3861:prostate\_MPM2000-004P1Novel007-2-Table1  
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TTTTTTTTCCCTTCTATGGTCTAAAGTCAGGCAATAAATACAAGAATATTTGGAAGTTT  
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TTTGAAAATTTATATTCAATGTAATTTTTGTTGAGGCCTTTATTGGAAAAAAATTGTAC  
CATTTTTTTGAGGAAGAAAAACACATAATGTGAACAGAGCTATAACTGCTGAATTAAGA  
AAAATATGTTGCATTTATTTCTTAGAAAAAAATTTTGCAAGAAAGGTCTGAGGCCCCAC  
TTAGGTCCGCCCTGCAAGTCAACACATCCTGGGTTTGCTCCGACTGAACTCCTCATGGTC  
CCCTTGCTTGACAAAAA

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>SEQUENCE:3862:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTCTTTGTTTTGGCACAC  
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TAGCATATGAGACCGCTCTCCGTAAAGATGCCAGATTGGATGCAAATGGACTGGAAATAC  
CTTGGAGGGTTTCACAAAAATAAGACAAAGGGCAAAGGAACTTTGCCAAAGGAGATGGAG  
AGCAATTCTTTAAAGTTAGTGGGAGGGAGGAAGCAAAGAGCTCATAAATAACAAGCCTCTT  
AAAATGGGACGCATTTGCCTCGCGCCTACTGGGTGTCTGCAGCTCAGCTTGGTGCCCCAC  
ACAGGACACCGACTTTAAGTGGCTGCCTTTGCAAGGCTGAAAGGCCATGAGGGTTGATGC  
CTGAAGTGTGAG

>SEQUENCE:3863:prostate\_MPM2000-004P1Novel007-2-Table1

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTACGGAGTG  
ACAAAGGGAAAAGTTTGCTTTGAGGCAAAGGTAACCCAGAATCTCCCAATGAAAGAAGGC  
TGCACAGAGGCCTCTCTCCTTCGAGTTGGGTGGTCTGTTGATTTTTCCCGTCCACAGCTT  
GGTGAAGATGAATTCTCTTACGGTTTCGATGGACGAGGACTCAAGGCAGAAAATGGACAA  
TTTGAGGAATTTGGCCAGACTTTTGGGGAGAATGATGTTATTGGCTGCTTTGCTAATTTT  
GAGACTGAAGAAGTAGAACTTTCCTTCTCCAAGAATGGAGAAGACCTAGGTGTGGCATTG  
TGGATCAGCAAGGAT

>SEQUENCE:3864:prostate\_MPM2000-004P1Novel007-2-Table1

TAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACCGTGGCCAGGG  
T

CAGATTGTGCAGAAGGTTATGGTGCAGCCCATCAACCTTATTTTCAGATACTTACAAA

>SEQUENCE:3865:prostate\_MPM2000-004P1Novel007-2-Table1

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCAATTTGGGTTCTATATTTT  
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GTGAATTATTTCTCACAATTTTAATTAATCTGTGTGTATATTAGTTATATAAAGCAATGG  
ATTTCCACATTCTTAAAGCAGGAACCTATATTCACCAGAAAAGGATCCTCCTGTTTCTCA  
TCAAATTTTTTTTCAGCTCGAACAATCCAAGATTGGGAATAGTAAGAGTGGCAAACAAT  
GTTTTCTTAGGGACTTACTGAGAAAAGAAAAAACTTACTGGGAGAACAGAGACTTAGTAA  
AATTTCTATTGCTACAGACAAATGCTAAAAACCAGCTTTATAATAACAGCATTATAAAGG  
ATAGAACTTAATATAGAAC

>SEQUENCE:3866:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTTT  
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AATACTTTTAGCAGTCTTATTTTATTTTCAAAGAGATCTTCTTATTCTCAGTCTTCTCTT  
TCTTTTCTTGCTTTTTTAAGAGACAGGGTCTCACTCTGTCCCCCAGGCTGGAGTGCAGTGG  
CACCATCATGGCTCACTGAAGCCTTGAACCTCCTGGGCTCAAGTGATCTTCCCCTTCAGC  
CTCCCAAGTAGCTAGGACCACAGGCACATGCCACCATGCTTGGCTAATTTTTAAAAATTA  
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>SEQUENCE:3867:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTTTTTT  
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GGAAGTCAAGTAATCCACCTGCCTCAGTCTCACACAGTGTGGGATTACAGGTGTGAGCCC  
TGGCACCCGGCCTGCAGGCACTTTTTATGGAATTGTATTACATGTATAGTAGGGACATTG  
CCATCTTGGCATGTCTATTTATTCAGGTTTATTTTTGTGTCTGTGCGGAAGTGTTTAAAGT  
TTCTCCTATGAAGGTATTGCATATCTCTTGTGAGTTTATTCCTAGGTGTTTTATTTTT  
TTTCAGTTCAGTTGCTATTACATGGGTGCTTCTCTTCCATCCTGGAATCCAACCT

>SEQUENCE:3868:prostate\_MPM2000-004P1Novel007-2-Table1

GACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTTTC  
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ATGGAAAGTTTGGGTTTTCTTTTGATTGAGTTCCAGGAAGTCAGCATTAAATCACCTTA  
GGTTTCTTGCCTCCATACCTGTTCTCATACCTCATTTCCCCCGAAAGACATGATCCTC  
ATAAATCTTTATGGGAGGTAAAGGGATTGATAGTCTTTCTTCTGTAAGTCTTTATGCTG  
ACCTGAGGCACAGTCCCTACGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTG  
CAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAG  
CTTTTGTCT

>SEQUENCE:3869:prostate\_MPM2000-004P1Novel007-2-Table1



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TAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGTTACTTTTTTTTTTTT  
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TAGCTAAACATTTCCCCTGATCTAAAGAAAAAGATGGCAAAA  
>SEQUENCE:3870:prostate\_MPM2000-004P1Novel007-2-Table1  
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AATAAGATTCACCAAAAAGTAAAAATTCAATTTTACAATATACATTTTTTTTTTTAACTAT  
TTGGCTTTACCTTTTTACCTTGGGTCTCCTTACTGAAGTCCTCTGGCTTTCACTTAGATC  
TGGTTTTTGAAGGCTCTTAATTATTGGCTGGGCATGGTGAATCATGCCTGTAATCCCGGC  
ACTTTGGGAGGCCAAGGGAGGTGATCACTTGAGCCCAGGAGTAAAGACCAGCCTGGGCAA  
CAT  
>SEQUENCE:3871:prostate\_MPM2000-004P1Novel007-2-Table1  
TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACACGAGAAGC  
T  
CCGAGGATGGCTGAAGTCCAACGTCTCTGATGCGGTGGCTCATAGCACCCGTATCATTTA  
TGGAGGCTCTGTGACTGGGGCAACCTGGAAGGAACCTGGCCAGTCAGCCTGATGTGGATG  
GTTTCCTTGTGGGTGGTGTCTTCCCTCAAGCCCGAATTCGTGGACATCATCAATGCCAAA  
CAATTGAGCCCCATCCATCTTCCCTACCCTTCCCTGCCAAAGCCAGGGGACTTAATCAGGC  
CCAAGAAAGCCCAGGTAACTGTCCCTTTTCCCT  
>SEQUENCE:3872:prostate\_MPM2000-004P1Novel007-2-Table1  
TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTAC  
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TAGAGCTTTCGGTCAATTCCACCACGGAGAACACAAACCAGAAATAAAACCCACACCAAG  
GGCTATTTCCCAAGCTGGGGAATTTGAGAACACACGGGCAGAGTTCACGCCACACAATA  
CACTGGGCTCGTCCTTGGGAGGCGTTACAGGAAGCAATCACGAGCGCCAAGCCACCCAC  
AAGGCAGTGCGGCAAGGCTCCCGGGATCCTTACAGGCATCCAAGCGAGGTACCTCGGCCG  
CTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGT  
CAACCTTAAGGGGGGGGCCCGGTACCCAACCTTTGTTCCCTTTAGTGAGGGTTAATTGCGC  
GCTTGGC  
>SEQUENCE:3873:prostate\_MPM2000-004P1Novel007-2-Table1  
AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTATTATTTTCTAACAGGAAT  
TTGCTATTTCAAATATATTATCTGAGATATCTATATATTTATATTTTGAGATACTATACA  
AATTTGAGCCAATGACATAGAATTTTACAAATCAAGAAGCTTATTCTGGGGCCATTTCTT  
TTGACGTTTTCTCTAACTATTAAGAGGCATTAATGATCCATAAATTATATTATCTACA  
TTTACAGCATTAAATGTGTTTACAGCATGAAATATTAGCTACAGGGGAAGCTAAATAAAT  
TAAACATGGAATAAAGATTTGTCCTTAAATATAATCTACAAGAAGACTTTGATATTTGTT  
TTTCACAAGTGAAGCATTCTTATAAAGTGTGATAACCTTTTTGGGGAACTATGGGAAAA  
AATGGGGAACTCTGAAGGGTTTTAAGTATCTTACCTGAAGCTACAGACTCCATAACCTC  
TCTTTACAGGA  
>SEQUENCE:3874:prostate\_MPM2000-004P1Novel007-2-Table1  
CTCACTATAGGGCTAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAAGCATGGCGCT  
GGTATCTGCTTGGTTTCCTGGTGAGGCCTCAGGTAGGATTCAGTCATGGTGAAAGGTGCA  
GCAGTGGCAGGCACATCACATGGTGAAAGTGGGAACAAGAGAGGGTGGAGGTGCCACACA  
CTTTTAAACAACCAGGTCAGGTGTGAACTCACTCATCGCCAAGAAGACGGCACTAAGCCA  
TTCATGAGGGATCCGTCCTGTCCCCATGATCAAAACACCTCCCACCAGGCCCCACCTCTG  
ACACTGGGGATCACATTTCAACATGAGATTTGGAGGGGACAAATATCCAAAACATATCAA  
TATGTTTCACTATGGAACTTTACAAGGTTCAATCCCAAGATGGCTGGAGAGGCTCCAAG  
TATCACATTCACCCACAATAATGGCTAAAGACTGAAAGGAGGGAAAA  
>SEQUENCE:3875:prostate\_MPM2000-004P1Novel007-2-Table1  
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GAGTAGCTGGGATTACAGGCACCCATCACCATGTCCAGCTAATTTTTGTATTTTAGTAG  
AGACAGGGTTTTCCCATGTTGGCCAGGCTGGTCTCGATCTCCTGACCTCAAATGATCCGC  
CCACCTTGGCCTCCCAAAGTGCTGGGATGACAGTTGTGAGCCACCACACTCAGCCTGCTC  
TTTCTAATATTTGAACTTGTTAGACAATTTGCTACCCATCTAATGTGATATTTTAGGAA

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TCCAATATGCATGGTTTATTATTTCTTAAAAAAATATTCTTTTACCTGTCACCTGAATT  
TAGTAATGCCTTTTATGTTACACAACCTTATCACTTTCCAGAAACAAAAA

>SEQUENCE:3876:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTTTTTTTTTT  
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GACATAAAACCAAATCCTGCAGGTTGCTGAATTACAACGCAGGTTGAATTCATAGGATCT  
CCAGGTCTCATATGCAAAAACATGGCTACTGATTAGGGAACAATGGGACCTTGAGACTAG  
GAATAGGAACATCAGGATTGATTTGGATAGATCTGAGCACCTAAACCCCAACCTCACT  
GAGTTTCCCCTGGCAGCAGAAGCAGCCCTTTTTCCCAGTCTATGGGGCTGGTCCTGCCT  
GACTTGGGGACCCTCTCACTGTTAGGCTAACCTTTTCAAGATCCACCCGGATCATCTTTT  
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>SEQUENCE:3877:prostate\_MPM2000-004P1Novel007-2-Table1

GGCGAATTTGAGCTCCACCGCGGTGGCGGCCGCCCGGGCATGTACGCTTCCCTTGGCACC  
ATGTTATTTTATCTGTGCTGGGCTGAATAGTGTCCCCCAAAATTGAATAATGTCCCCC  
AAAATTCGTGTATACCCTGAACATTAGAATGTGATCTTACTTGGTATTACTTGGTATAGG  
GTGTTGTAGAAATAATCAAATAAAGATGAGGTCATACTGCATCAGGGTAGACCCTAAATT  
CAATGACCAGGATTTTTATAAGTGAAAGGAGAGGCGGATTCAGAGAAAAAGACACAGACA  
CACACAGAGAGAAGACAGCCATGTGAAGACACAAGCATAAATTGAAGTGACACAGCTACA  
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TTTTT

>SEQUENCE:3878:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGGACT  
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CTACAGAAAAAATGGAGACTTTTAGTCCATCACCTTGTGTCTATTCTTCATGCTAAAT  
ATTTTTTAAGATTTTGTATACAAAACATTTGAAAATTTGTTCAACCCTTTATTTTAT

>SEQUENCE:3879:prostate\_MPM2000-004P1Novel007-2-Table1

GGCCAATTGTAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACATACAAGTCATCCAT  
TAAACAATGAATTTGAATATAGAGTGCCAGCAGCAACTTAGTATTTTCTAAAAAGAACA  
TTTATTATTTATTTTAGCCTGTCATTTTAATTCTTCAAGAGATTTTACTGCTGGTATTT  
TTTAATGCACTCCTCTTTGTAATTTCAATCAAGCCATTTGTCTAAAGTCATTTCTTTGTT  
TTTTGGGAGATGGAGTCTTGCTCTGTTGCCAGGCTGGAATGCAGTGGCGTGATCTCGGC  
TCACTGCAACCTCCACCTCCCGGGTTCAAGCGATTCTCCTGCCTCAGCCTCCTGAGTATC  
TGGGATTACAGGCGTGCACCACCATGCCTGGCTAAGTTTTGTGTTTTTTTTT

>SEQUENCE:3880:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCCGAGGTACTCTTCCCTTTA  
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CGGGTTCCCCCGATACTTTTGGACATATATCCAGTAGTGGGACTGCTGGATCATATAGAA  
GTTCTATTTTATGTTTTCTCACAAACCTCCATACTGTTTTCCATAATGGCTAAACTAATT  
TACATTCCTACCAACAGTATATATAAGTTCCTCTTCTGCGTCTTTGCCAGCATTTGTT  
ATTTTTTGTCTTTTTGATAATAGCCAGTCTAACTGAAGTGTGATGGAGAACTCCAGCTG  
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>SEQUENCE:3881:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGTAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTTTTTTTTTT  
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GAAAGTGTCTTTCTAAGGCAACTGTGAAACCTCCAAAACAGGAACTTCTTTATAACAAGA  
ACATTCTAAAAAAGGGTCAGTATATGCTTGACTGGGCCTTAAACCCATGGTTTTTCTAGA  
ACACCAATGTTTAAATACTTGGCGTTTTTGGCGTGAAAAGCGTTGTTGCTATTTGGAATA  
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>SEQUENCE:3882:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCCGAGGTACATGTGATGATTTTCAG  
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TCCATTTTGATTCTGAGGTTACTCTACTAACAAGCATCACATATTTGTATTTTGGCCTGA  
TTAATATGTTGGCTTCGCTTTCAGGGTTTTTAATGACCACAACAAGCAAGCATGCAGCTT  
ACTGCTTGAAAGGTGAGGATTGGAAATGTTGGGACTATTATAATTGCAGAATACATGATG

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ATCTCAATCCAACCTTGAACCTCTCTCACTGATTACTTGATGACAATAAAATATCTGATATT  
CTGCATTCCCATGTAGCATTTTAAATTGAAGTCTGTAAATGTGGCTAAAAGTCTTGTCTTA  
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TAC

>SEQUENCE:3883:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCCGCCGGGCAGGTACTTTTTTTTTT  
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GACATAAAACCAAATCCTGCAGGTTGCTGAATTACAACGCAGGTTGAATTCATAGGATCT  
CCAGGTCTCATATGCAAAAACATGGCTACTGATTAGGGAACAATGGGACCTTGAGACTAG  
GAATAGGAACATCAGGATTGATTTGGATAGATCTGAGCACCTAAACCCCAACCTCACT  
GAGTTTCCCCTGGCAGCAGAAGCAGCCCTTTTTCCCAGTCTATGGGGCTGGTCCTGCCT  
GACTTGGGGACCCTCTCACTGTTAGGCTAACCTTTTCAAGATCCACCCGGATCATCTTT  
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>SEQUENCE:3884:prostate\_MPM2000-004P1Novel007-2-Table1

GCTCCACCGCGGTGGCGGCCCGCCGGGCAGGTACTTTTTTTTTTTGTTTTTTTTTTGA  
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CCTCCCCCATGAAGTACCTCGGCCGCTCTAAACTAGTGGATCCCCCGGGCTGCAGGAA  
TTCGATATCAAGCTTATCGATCCCGCCAACCTTTAGGGGGGGGCCCGGTTCCCAGCTTTTG  
TTCTCTTAGTGGGGGTTAATTG

>SEQUENCE:3885:prostate\_MPM2000-004P1Novel007-2-Table1

GCGGTGGCGGGCGAGGGACTTTTTCTTTTTTTTTTTTTTTTTTTAAGAATGTTTTTATG  
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ACCTGAGGCCAGAAGTTTGAGAGCAGCCTGAGCAACATAGTAAGATGCTGTCTTTATTTA  
AAAAAAAAGATCTTCTAGAGAGATCTAGTAAATATTTTATAGATGATACAATTGGATTC  
TAAGGTTGGTTTCAGAATCATCTTGGGGAGAAGATGGGCAGGAATGTACTAGAGGTAAGT  
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>SEQUENCE:3886:prostate\_MPM2000-004P1Novel007-2-Table1

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AAGTTGGATATAAATGTCAAGCAGGTGATCAACCACTGCCAATAGGCTAGGATATCTGCT  
CTGAAGAACCTCATTGAGTTCTCTCTTGTCCAGGTTATCCAGGTGAATTTTGGTCCAATA  
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>SEQUENCE:3887:prostate\_MPM2000-004P1Novel007-2-Table1

ATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTTTTTTTTTTTTTGA  
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AGCTCTGCCTCCTGGGTTTCATGCCATTTTCTGCTCAGCCTCCTGAGTAGCTGGGACCA  
CAGGAGTGCACAATTACACTCGGCTAATTTTTGTAGTTTTGGTGGAGACAGGGTTTCAC  
CATGTTGCCAGGCTGGTCTTGAATTCCTGAGCTCAAGTGATCCGCCTGCCTTGGCCTCC  
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>SEQUENCE:3888:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCCGCCGGCCAGGTACTCCATGTTG  
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TGTCAACTCAGGAGTCCCATTAACCTGACTCTAAAAATTCCTAAAAGAAGGCATGATTTA  
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ATACAAGATACACATTGTTTGGATTTTTAAAACTCTATTAATGTTTAAGTGGTTGTGA  
ATATGAGGAATAATTAATGTTAACCCAGCTGATTAGTGAACATATAAGAAAATGGGGG  
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>SEQUENCE:3889:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGACCCAAACTTAAGTTTTGTAT  
TATTTTCTGCTGCCCTCAAACATCCTGGAATGTTTCCCAAAGACAGGTCTACAGGTAAT  
AAAATTACCTTTGATTTAGTTTCTCAGAAACAGTCTTTATTTTGCCTTCATTTTTGAAAA  
CGTTTTTGACAGTAACAGAATTCTAGGTTGCAGGGTTTGTGTTTATTTCAATTAAGGAAT



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TTAGAGATAATACTCCATTGTCTTATAGCTTGCATAGTTCTCACCAGATATATGCTGCCA  
TTCTTTGTTTCATGTGTATGTATTATCTTTTTTTCTCAAGGTGTTTTAAAAGTATTTTTGT  
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>SEQUENCE:3890:prostate\_MPM2000-004P1Novel007-2-Table1

GAGCTCCACCGCGGTGGCGGCCGAGGTACAGTGTTAAGCATCTAAACGTTAGAGTCCCAG  
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AAAAATAAAAAACAAGTCATACATGAACCCTGGGGAAGTAGATATTATAATTATTTTAGAA  
ATGAATAAATTAAAATTTAATATACATAAAAGTCACAGGGAACCTTTTAAAATTCAGTTC  
CCCAGGACTAGAGAACTGCAGTGGATCTGGAGAGGCCAAGGACCTAGAGTGATAACAAGC  
ACCCAGTTGATTGTTGAGACGTGGTCCCAAGGTCACTCTCTGATTACTTAGGCTTGGCA  
ATGCTTTTCAAGATTTG

>SEQUENCE:3891:prostate\_MPM2000-004P1Novel007-2-Table1

GGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACTTTTTTTTTTTTTT  
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AACTCCTGACCTCAGGTGATCCGCCACCTCGGCCTCCCAAAGTGCTGGGATTACAGGCGT  
GAGCCATCATGCCCGGCCCAAAGTCAACAATTTTTCCAAATCTTT

>SEQUENCE:3892:prostate\_MPM2000-004P1Novel007-2-Table1

GGGGGGGGACCGGGCAGGAACAATTTTTTTTTTTTTCTGTTGGCGAGATTATGGGATC  
ACTATGGGGGGGGGGCTGAACCTCAATGTTGGACCTCAAGGGATCTTCTTCCACAGCCT  
CCTTAAGGGCTAGGATTATATGCATGATACACCATGCCTATTGGAGAGGATTACATTATT  
TTCAAAGGCTTATTCTAAGAGCCATTAATTGCCTTTGGCCTAAATAACTAAATATAAAA  
GTCTTGAACTTTTTTAGACAAAATTTTGGGCATGATGATGAGAGAAGGGGGTTTGAAAC  
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>SEQUENCE:3893:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGCCAGGTACAACACT  
TGGCAAGGTAACATAATTTCTATAAGTCCAGGCTTTCTCACCTGCAAAATTGAAATAATAA  
TGATATTGATTGATAGGTATTGGCTGATTTTATTAGGGTTCTCTAGAAGGACAGAACTAA  
TAAGATATACGTATATATAAAGGGGAATTTATTAAGGAGGATTGACTCACACTATCACAA  
GGTGAAGCCTCACAAATAGGTCCATCTGTAAGATGAGGAACGAGGAAGCCAGCCGGAGTTC  
CCAAAACCTCATAAGTAG

>SEQUENCE:3894:prostate\_MPM2000-004P1Novel007-2-Table1

GGCGAATTGTAGCTCCACCGCCGTGGCGGCCGAGGTACATATCAGTTATTTATGATATTT  
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GTGCACTGGTGGTCAAGAAATACATGCCATAATAAGATGGCAGTTAACTTCATCAGTAT  
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ACTTTGGGAAGGCCAAGGCAGGAGGATCACTTGAGGCCAGGAGTTCAAGACCAGCCTAGG  
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>SEQUENCE:3895:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAAATCTT  
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TAGTGATTACTTTTTGCACCATAATTTGTTTTTTACACCACAAAAGGAGGCACTTTTCA  
TATCTGTAAAAGGTATTTAATCCTAAAACATACTTACCTAGAGAATAATTAACAGAAAT  
TCAATACAATCTAGTATCTATTAGGAAATTAAGAGTTATCACTTCTAAAAGTCATTTGAA  
AGTCAATGATGTTATCTGGTCAATGGCAGGAAATGGGAACTGGAACAAATATAAGAACTT  
ATGGGATTTCTACACGGAGACAAAAAAGATATTCCTTTATGTTGTTTAAAAGTGGCAG  
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TTTCC

>SEQUENCE:3896:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTT  
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ACACTCAGGAGAAGCACCCAGTAGATGGTGGCTTTGTATTTACCTACAGAGTGCCACTGA  
GGAGCACAGGCCTTCAGGTCTGTAGCCCATCAGCTGAGCCTTCGCATCAGCTCCTAGAAC  
AGTGCCTGGCTTAGAGCAACACCCAGAAATCATTGTTAAATGAAATTATCCACAAGGGAG

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GCACCTAGTGTCTACATGATAGAAATTCTTTCCCT

&gt;SEQUENCE:3897:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTCCCATGTTAAAAGAC  
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CAGGTTACTGTAGTAAAGCAGTTCAAAAATTCTTAAATCAGTGGAAAATTACACATACAA  
TAGGAATTCTCTATAATTCCCAAGGACAGGCCATAATTGAAAGAACTAATAGAACTCA  
AAGCTCAATTGGTTAAACAAAAAAAGGAAAAGACAGGAGTATAAACTCCCCAGATGCA  
ACTTAATCTAGCACTCTATACTTTAAATGTTTTAAACATTTATAGAAATCAGACCACTAC  
CTCTGCAGAACACATCTTACTGGTAAAAGGAACAGCCACATGAAGGAAAACCTGATTG  
GTGGAAAGATAATAAAAATAAAACATGGG

&gt;SEQUENCE:3898:prostate\_MPM2000-004P1Novel007-2-Table1

GAGCTCCACCGCGGTGGCGGCCGCGGCGGCGGAGGTACTTTAACTCAAGTGCTGGAAGACAG  
CAAATCTTGGAAGTTTATTATAAAAAAAAGATATTTCCGATAGATTCTTTGTTGTCAT  
GGGCAAACTGTATATCCACACAGGACTGTTAGACTCCTAGCCAATAAAATCAGACTAAG  
TCCATAGGGATAAGGTAAGTGTAATAAATTTCCATTGGGGAAGACAGGGCTCATGGCCC  
GTGTATCAAGGTCTCAAGCTGAGCACTGGAGAACTCCAGGGAACACTGTTTCATACAGGCT  
ATGGTGTGAAGGAATTCCCCTGTAGGTATGCCATACTTCAGTCTCTTAAGAAGCTGATTA  
GCATGAAAGACTGGAAGCTGATTATGGACAATTCAGTTTGAATTATTCCTTTCTATTTTG  
CTTTGAACTTTCCTCATACACTTAAGACATGAGTAAATCACATTGAAAAACATTTG

&gt;SEQUENCE:3899:prostate\_MPM2000-004P1Novel007-2-Table1

CTCCACCGCGGTGGCGGCCGAGGTACAAAACCATTTTTCTCTACAAATAGTTTGGTGTTT  
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GTAAAAGAAAAGAAAGCAGAATGTTTTATCATGGTTTTTGCTTCAGCGGCTTTAGGACAA  
ATTAAGTCAACTCTGGTGCCAAAAAAGGTTTCCTGCC  
GGGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTAT  
CGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGT  
TAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGC  
TCACAATTCCACACAACATACGAGCCGGGAGCATAAAGTGTAAGCCTGGGGTG

&gt;SEQUENCE:3900:prostate\_MPM2000-004P1Novel007-2-Table1

GGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGGCGGCGGAGGTACAAACCTGGAAGAAG  
G

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AAAGGTTCCATACCTCCAAGTTTTATGTAGTCTGAGCTTTTTCTACTGCCAACTGGGT  
ATATTTAAATTCATTCTGTCTTCATATAACACAATACACCTACCTCCTAAGCAACAGAAG  
CATCCAACCTGCTTATCAAATATGGCTATCTACTCAAACGTTAAAGAATCTAAGAAAAA  
GAAAGGTAAGTACTGCTCCAATAACAAAATATAGATGTTAGTTAAAATTTTTTGTAGAA  
TCTCTTTGAAAAACAAAAGAAAAAACTCATTAGGATGTTTCCTCTTTCTATATAGAATG  
ATAAGCCCTAAGAAATGTAGGTGTTTTATTTAGCCTTAACTGATATATTATCGATGAA  
TGAAAACCTACT

&gt;SEQUENCE:3901:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATTGTAGCTCCACCGCGGTGGCGGCCGCGGCGGCGGAGGTACTGCTCCAGTCTACTG  
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CACAGTTATGTTTAACTGGGCTCTCTGACCCCGGCAGGAAGGTGGCGGTGTTTAAGCGTT  
GCAAACTATACTGGTAATGCCGGGATGTAACAAAGCACGCTTTGGTATCTAGCTAGGCT  
ACCATTCTTGGCTAATGGTGTCTTTGGAATTTATTGAAATCAACTCAGCATAGGGGGA  
CTTTATGATTAGGTTGTGAGTAACAATTAGGTTATTTGCTTCTTGGGCTGACAGGGCTAT  
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&gt;SEQUENCE:3902:prostate\_MPM2000-004P1Novel007-2-Table1

TATTACTATAGGCCGAATTGGAGTCTCCACCGCGGTGGCGGCCGCGGCGGCGGAGGTACTTA  
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AGTATGTTCTTTGAATACCTTAAGAAGTTACAATTAGCCGGGCATGGTGGCCCGTGCTG  
TAGTCCCAGCTACTTGAGAGGCTGAGGCAGGAGAATCACTTCAACCCAGGAGGTGGAGGT  
TACAGTGAGCAGAGATCGTGCCACTGCACTCCAGCCTGGGTGACAAGAGAGACTTGTCTC  
CAAAAAAAGTTACACCTAGGTGTGAATTTTGGCACAAGGAGTGACAACTTATAGTTA  
AAAGCTGAATAACTTCAGTGTGGTATAAAACGTGGTTTTTAAGCTATGTTTGTGATTGCT  
GAAAAGAATTCTAGTTTACCTCAAAATC

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&gt;SEQUENCE:3903:prostate\_MPM2000-004P1Novel007-2-Table1

CTCCACCGCGGTGGCGGCCCGCCGTGCATGTACTGTGTCTTCATGTCCCAACTGGCTGT  
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TTAGGATTATTTATTTATTTAGTGAAAAATGTCAATGAAATTTTGATAGGGATTGCA  
TTGAATCTGTAGATTGTTTGGGGTTGTATGGACATTTTAAACAATATTAATTCTTCCAATT  
CATGAACATGGGATGTCTTTTTTTTGGCACCTGATCTCAGATATGGGACAGCTTTCTAAT  
TATTTGTATCTTCAATTTCTTTCACAAATGTTTTATTAGTTTTTCAGCATACAGATCTTTC  
ACTTCCTTGGTTGGATTATTTGCAAGTATTTTTTTGGAGCTATTGTAAATGACATT

&gt;SEQUENCE:3904:prostate\_MPM2000-004P1Novel007-2-Table1

CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCCGCCCGGGCAGGTACTTGC  
CCCCAGGCCAGATAATTTATTTAAAACTTTTTTTGTAGAGACAGGGTCTCACTATGTT  
GCCCAGGCTGGTCTCAAACCTCCTGGCCTCAAACAATCCTCTACCTCAACCCCCCTAAGTG  
CTGGCATTACAGGCATCAGCTGCCATGCCTGGCTACAAATCTTAATGTTTTCCCATGGC  
TTCTTTTTCTGGCGTTCTTTTCTCAGGTAATGGAAGTGGGCAGAGAATGATCCTTTCCCT  
AGGCTCCAGTGTGTAAGAATTAAAGAAAGAGGAAAGAAACACAATGGCTTGATGGTCGAG  
GACAGGTTTATTTTAAAGAAAACAAACCCAAGAGTGGCTTCTGGCTGAGTTAGATCAGAG  
GCATGCTCTCTTACAGACTAAGAGTTTTTAAGGATTCAGGGTGGGAGAATTTACCAGAGG  
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&gt;SEQUENCE:3905:prostate\_MPM2000-004P1Novel007-2-Table1

TTGGAGCTCCACCGCGGTGGCGGCCCGCCCGGGCAGGTACTTGCCCCAGGCCAGATAAT  
TTATTTAAAACTTTTTTTGTAGAGACAGGGTCTCACTATGTTGCCAGGCTGGTCTCAA  
ACTCCTGGCCTCAAACAATCCTCTACCTCAACCCCCCTAAGTGCTGGCATTACAGGCATC  
AGCTGCCATGCCTGGCTACAAATACTTAAGGAGGTTCCCATGGCTGGATTGTTTGGCCTT  
CTTAGGTCAGGGCATGGAAGTGGGCAGAGAATGATCCTTTCCCTAAGCTCCAGTGTGTAA  
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&gt;SEQUENCE:3906:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCCGCCCGGGCAGGTACT  
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AAACCAGTTGGGATTTAGATGCTATCACAAGACAGAGCTTCTGAAATTACTGAAATTTTG  
CCATTAAAATCCCTCAAGGAATTGTCTCTATTTACAGATGATGTTCTTTAAAAA  
GCAAAACAAAATATCCATTTTTCACCTTGTGATCTCTCCCTTTGTGTTTTGAATATTGTT  
AAAATGTAGCATGGCCTTAGCCTGGTCATGGGGCTTGATCACCTACCCTCAGTTTCCCTC  
ACAGTGACCTCCACCCCTGATCCTGAGAAATTGCTCTGGTCCACAGGCAGCCTGGGCAGA  
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&gt;SEQUENCE:3907:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCCGCCCGGGCAGGTACGCGGG  
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CAAATAAAGCCTTGGAATTGAAGAATGAACAAACATTGAGAGCAGATGAGATACTCCCAT  
CAGAATCCAAACAAAAGGACTATGAAGAAAGTTCTTGGGATTCTGAGAGTCTCTGTGAGA  
CTGTTTACAGAAAGGATGTGTGTTTACCCAAGGCTGCGCATCAAAAAGAAATAGATAAAA  
TAAATGGAAAATTAGAAGGGTCTCCTGTTAAAGATGGTCTTCTGAAGGCTAACTGCGGAA  
TGAAAGTTTCTATTCCAACCTAAAGCCTTAGAATTGATGGACATGCAAACTTTCAAAGCAG  
AGCCTCCCGAGAAGCCATCTGCCTTCGAGCCTGCCATTGAAATGCAAAAGTCTGTTCCAA  
ATAAAGCCTTGGAATTGAAGAATGAACAAACATTGAGAGCAGATGAAGATACT

&gt;SEQUENCE:3908:prostate\_MPM2000-004P1Novel007-2-Table1

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCCGCCCGGGCAGGTACCACCACGCCAG  
C

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CGATCTCCTGACCTCGTGATCCGCCTGCCTCAGCCTCCCAAAGTGTTGAGATTACAGGTG  
TGAGCCACTGCACTCAGCCCAAAGAATACTTTTGATGTTCTCTTTGTTTCATATTTGTTT  
TTGATGTCCCCCTTGATCATGTTCTGTGTTTACCCTCATGGCCGGCCTCTCCATCTCCTA  
GGCAGCCTGGCATCCTCGCTACAACCTCATTGTTGTGGGCCGATACCCAGATCCTAATTT  
CAAAAGTTGTACCTCGGCCGCTCTAAACTAGTGGATCCCCCGGGCTGCAGGAATT

&gt;SEQUENCE:3909:prostate\_MPM2000-004P1Novel007-2-Table1



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GGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCTGGGGGCGAAGTTTTGTG  
C

TGGTCGTTGTAGTAGCAAGTGGCCATGGGGAGCCTCAGCGGTCTGCGCCTGGCAGCAGGA  
AGCTGTTTTAGGTTATGTGAAAGAGATGTTTCCTCATCTCTAAGGCTTACCAGAAGCTCT  
GATTTGAAGAGAATAAATGGATTTTGCACAAAACACAGGAAAGTCCCGGAGCTCCATCC  
CGCACTTACAACAGAGTGCCTTTACACAAACCTACGGATTGGCAGAAAAAGATCCTCATA  
TGGTCAGGTCGCTTCAAAAAGGAAGATGAAATCCCAGAGACTGTCTCGTTGGAGATGCTT  
GATGCTGCAAAGAACAAGATGCGAGTGAAGATCAGCTATCTAATGATTGCCCTGACGGTG  
GTAGGATGCATCTTCATGGTTATTGAGGGCAAG

>SEQUENCE:3910:prostate\_MPM2000-004P1Novel007-2-Table1

GGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTTTTTTTTTT  
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CTTGAAGCTATATTTTTCTTTCCGTTTTTTTTTTTTTTTTTTTAAACAGAGTTACACTC  
TTTTTGCCCACTCTGGATTGCAATGGCGCTGTCTTGGTTGACAAAAACCTATGCCTGCCA  
GGTTTAAGTGATTCTTCTGCCTCACTTTCTGAGTAAAGAACTGGGATTATTTGTGCGC  
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AGGCTGGCTTTAACTACTGACCT

>SEQUENCE:3911:prostate\_MPM2000-004P1Novel007-2-Table1

ATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACTTTTTTTTTT  
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TTTATGGAACAAACACTCTGCTTGTGAATTGTCCACAATATTTCCATAATAACTAACACA  
CTATCACTCCATCAGGTTTCACTACACAAAGTATTGTGAAACGGAGGTGGAAATTTTTTC  
CAGGTGTTTAGACAAGTATTTAATGAAGCTGAAGCAATATGTTCTTTGAGCATTAAAAA  
TATTTGAGATTAATTTCAACAGATGATTTCTTAATCAGTAACTGGCTTAGATAAGAAAA  
AGTCAGAATATTATTAATGAACCTAATGTTCTCTCATGTTTGAGATCAGCCAACAGGCCA  
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TGGTAGTTTCCAACAACCTGAACC

>SEQUENCE:3912:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGGCATTTCTCCCAG  
GGATCTCTGTGCTTCCTTTTGTGCTTCCTGTGTGTGGATATTTAAAGGGGCTGGAAAT  
GTGCAAAAACATGTCACTACTTAGACATTATATTGTCATCTTGCTGTTTCTAGTGATGTT  
AATTATCTCCATTTCAAGCAGATGTGTGGCCTCAGATGGTAAAGTCAGCAGCCTTTCTTAT  
TTCTCACCTGGAAATACATACGACCATTTGAGGAGACAAATGGCAAGGTGTCAGCATACC  
CTGAACCTTGAGTTGAGAGCTACACACAATATTATTGGTTTCCGAGCATCACAAACACCCT  
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>SEQUENCE:3913:prostate\_MPM2000-004P1Novel007-2-Table1

GGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGTTGAAGTCAACTTCTA  
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GGCAGGCGGATCACTTGAGGTCAGGAGTTCAAACACAGCCTGGCCAAGATGGTGAAACCC  
CATCTCTACTAAAAATACAAAAAATTAGCCAGGCGTGGTGGCAGGCGCCTGTAGAATCC  
CAGCTACTCGGGAGGCTGAGGCAGGAGAATTGCTTGAACCTGGGAGGTGGAGGTTTCAGT  
GAGCTGAGATCGTGGCATTGCACTCTAACCTGGGCAACCAAGAGTGAACTGTCTCAAAA  
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>SEQUENCE:3914:prostate\_MPM2000-004P1Novel007-2-Table1

CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCCATCTTGT  
CCCAAGTGCCAAGCTCTTCAGTTGTTTCTGCTACTTAAGAAAGACACCATCTAATCTGCC  
ATATAGAGAGCTTAAATGGAGCTGTAAATATTTGGGGGAAAGAGTTTGGTAGTGTTAGCC  
TGGCCTGTCTCCACTGTATTATAAGTAGCTGTTATCTGAAACAATTGAGAACACAGGGG  
AAAAAAGACCCAATTATGCACCAGGAAGTCCAGTGCCCCATTTTTGGAGAAGGAAAGTG  
AGAGGGCATTGAGTTTCATTGATTGGGTCTCCGTGGCAGGCCAGCTGCCCCCAGGAAGG  
CCTGGTATTCCTGTCTCTCCGTGAACCTGCCTGAAAGGGATATAGGAGTTATTGGGTAA  
TCAGGACTTGTCAGCACCTCGGTTATGCAAGATGGTTCAATCCGATAATGTGAATGGAAC  
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>SEQUENCE:3915:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACTT

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TTTTTTTTTTTTTTTTTTTTTAGACAGGGAGATGGGGTTTCACCATGTTGGCCAGGCTGG  
TTTGGAACCTCCTGACCTCAAAATGATCCATCCACCTTGGCTTCCCAAAGTGCTGGGATTA  
CAGGTGTGAGCGACGATGCCTTGCCAAGATATTTCTGCTTTCAACATGCTTACCTGTTCA  
AGACTCCACTGGAACTAGAGCTTCTTTAGGATGGAAATATTTGTGATATACATTTCTAA  
CCACAGCATCTATGAGGGAAAAAGAGAAGGAGGTATTTTTAGGTTAGAAATAAATTCTGA  
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>SEQUENCE:3916:prostate\_MPM2000-004P1Novel007-2-Table1

GAATTGGAGTTCCACCGCGGTGGCGGCCGAGGTACTGGCGCGTGTGGCTGATGTTCTGAT  
GCCACCATCTTTCTTGAGGGGACGTGCCCGAGGAGCACTGTCAGTCTTCTGCTGACCCC  
GCAGCCCCAGAGCACACCTTGTCTCGTTCAGTCCAGTTCACAGGAGGGCTGAACAGTGGG  
ACCAGGTCGTTCTGTGAATTTACACTTAATTTTTCTCTCTTTTAAATCTTTAACATGA  
AGATGGCTTTTCTAACTTTAAAAAAGGTACCTGCCCGGGCGGCCG  
CTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCG  
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>SEQUENCE:3917:prostate\_MPM2000-004P1Novel007-2-Table1

ACCGCGGTGGCGGCCGCGGGCGGTTACTTGGTATTGTTATTTTTATAAATTATATTTTT  
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GTGCCACTGGTTCAGCTGTTAGCACAGTAAAAAATCATTTGTATCAAAGGGGCAAATGC  
TTTATTAAGGTAGTAAAAGGGAACATTACTTCTGCTTTTAGGAAGTTACTGCAAGCACAA  
GCATTTGTGCTTTTAAGCAAATTAAGTAGTAAAAGAAAACTTAAGTGAAACCTTTGCC  
ATCTTCATGTTTTATAATATAAAGCTTACCCAACACCAGTTAAGCCATGGTTAACCTAAA  
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TTTTAAAT

>SEQUENCE:3918:prostate\_MPM2000-004P1Novel007-2-Table1

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TGTCCAAAGCGCTTATAAATAAAGCATCTTCGAGGCAGGCGGCTCACTTGAGGTTAGGAG  
GAAAGCAGACTGGCCAACATGGTGAAACCCCGTCTCCACTGTGGTCCCAGCTACTTAGGA  
GGCTAAGGTGGGAGGATCACTTGAGGACAAGAAGTTGAGGCTGCAGTGAGCCAAGTGTTT  
GTGCAATTGCTCTCCAGCCTGGGTGACAGAGCGAGACTCTCAGGAAGCCGCAAGTGTTAGT  
TGCCTCTGATTTTTGACAAGCATGGGAAGATGGGGGCTGTTTCATACAGGGCAAGCTTCAA  
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>SEQUENCE:3919:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACCAGGGCAGC  
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GGGCCGTCAACAGCACTGACAAATGAAGAAGAAGATGAGTCTCAGGGCACCTTCCTGGA  
GTGGCCCTCGCCATCCAGGGACCAGCGCGTTGCCTCCCCCGGCGCTTTTACATCATATGA  
GCAGCTGACAGCGTATTTATTATGCCTTTGCTGAAACAGTTGATGAGAAATATGTTTCCC  
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>SEQUENCE:3920:prostate\_MPM2000-004P1Novel007-2-Table1

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTTTTTTTT  
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ACATCTCACATAAATAACAATTCTTGACAGATACACTTTTTTTTTTACTGTGTAACTTTTT  
TTTCCAATTTAGAGAACCGCATCCTATTCCATGCTGCTTACCCGCGTACCTGGGCCGCTC  
TAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCTGA  
CCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCT  
TGGCGTAATCATGGGCATAGCTGTTTCCTGTGGGAAATTGT

>SEQUENCE:3921:prostate\_MPM2000-004P1Novel007-2-Table1

CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACTTTT  
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CATTCACAGGCACGATCACTGTGCACTACAGCCTTGAACCTCCTGGGCTCAAAGCGATCC

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TCTCGCCTCAGCCTCACCACATCTGGCTACTGTTTATATTTGGTGTAAGGACGGGATGTT  
TACTTTCTGGAAATAAGTTAGAGTTGTTTCATAATTGAAGTTGCAGAATGAGGAATTATTG  
TCAATAATAAACATTAACTCAAAATCCCTTCATTAAGTGTGTTATTGCCTTAGAATTAATA  
GGTGAAATGTATAGTTAAAAAATCTACACATAAACTGATGTGCAATTCCCTATACTTCA  
CTTAAAGCCCTGTTGCATCCCAGGAGTTAAAGTATAAT

>SEQUENCE:3922:prostate\_MPM2000-004P1Novel007-2-Table1

ATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACCCAGTGAAACCCAACCTTCA  
GGCCTAAACAGCCTGAAGGCTGAAAGATTGGAAGTCTGGTCCCAGATGAAAAACACGAC  
CCAGAGGGGAGAACTGCCCCTGTTTGTCCACCCTTTCCCAACTGATTCTTTCTGAATAATG  
CCCACATGTTGCACTGGAGGAATGGGGTGGAGTGACCAGGAATTTGCACCTTATGCAGGG  
GGAGGAGTCTGGCTCTTCAGCTCATGTGTGGGGGCCTGATATTTCAATCTGTGAAGGGGG  
GAGGCCATTGGCAGGACACCCCCTAATTTGCTGAAAGTTTTTTTTCTTTCTTTTGGCC  
CAAATAAAT

>SEQUENCE:3923:prostate\_MPM2000-004P1Novel007-2-Table1

GGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTAAGAGAAAGTAG  
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AGTCTTTTTTGACAAAATTCAGTTTTAAAGTTGAGTTAAAAACTGTTGATAGATGGAGAT  
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>SEQUENCE:3924:prostate\_MPM2000-004P1Novel007-2-Table1

ATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACACCCAGTGGCTCATATTTAA  
CTTCCCCCAGCTTCCCAATTCAAACCTGGGGGGGAAAAAACTAAATCATTGGGAGTTACTTG  
CCAACCTTGGAAGTTGATATTTCTTTACTTTTTTCATTCTAAGACTTTAAAGTTCTCTGGC  
ATGAGTTTATCT

>SEQUENCE:3925:prostate\_MPM2000-004P1Novel007-2-Table1

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACACCCAGCTAATTTTC  
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GCTCCAGTGATCTGCCTGTCTTGGCCTCCCAAAGTGCTGGGATTACAGGCGTGAACCACG  
TGCCCGTCCCCAAAAATGTTTTTAAATACATCCAACGTATCATCCTCCCTCTTTAACTGC  
ACTCATTAAATTACGTTTC

>SEQUENCE:3926:prostate\_MPM2000-004P1Novel007-2-Table1

ACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATTTATTTGCT  
TTGCTCTGTCAATATGCTTGAGTTGCAAATGTAGACATTGAAATGATCTGAAATTCCCTC  
TGACAGAGAGGTTTCCACCACTGATATACATTTTCTCCTTGTATGTTTTAGCTGTGTGAA  
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>SEQUENCE:3927:prostate\_MPM2000-004P1Novel007-2-Table1

TAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGGTTATTAGAATAGGGAA  
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TTGGTCTAACTTGTGTGTCTTTGTCCTATAAGCCTCTGCAGGTGTGCGAGCAGGATTGCT  
TCTGCAACAATAGCCTCCACCCAGCCACATCTTGGGAAAAGAATGGCCACTTCTTGGGGC  
ACAGTCTTTTTCATGCTGGTGGTATCCTGTGTTTGCAGCGCTGTCTCCACAGGAACCAG  
CAGACTTGGTTTGAGGGTATCTTCCTGTCTTCCATGTGCCCCATCAATGTCAGCGCCAGC  
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>SEQUENCE:3928:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATGGGAGCTCCACCGCGGGGGCGGCCGAGGTACTTTCACACGGATGCTAAAGTTAT  
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CTTTGTGCAGATGCAACGGGTGGGATGGGGTGCACAATTATCACAGTGCTGGTTGTGGTG  
TTACCTCGACATTCTGCCTTACAGCTGAGGGGGGATTTGTTTCGTCCCTGCTAATGAAGG  
TGTTAAATAAACTTGGATGCTGTTATTGAAGCTTAAAAAATAAATGGAAGCTGGGTGCGA  
TGGCTCAAGCCTGGAATCCCAGCGCTTTGAGAGACCGAGATGGGAGGATTGCTTGAGCTC  
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>SEQUENCE:3929:prostate\_MPM2000-004P1Novel007-2-Table1

CTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTCCCCTTTTTAAGGG  
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GAATCTAACTTTAAGTTGAACTCTAGCACTGTTCTCCATGTTACCTGATAAGTGTCAGAG  
TGTCATCAATGTTTCTTAGACAACCCGGCTTATGGTAAAAATGATCCCTGCCTGGTCACT



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TCCATCTGAACTGAGTATCTATGAGCTATTAATGGGAATGCCATGCTTTTTGGCCTTTCC  
TGAGTGCAGTTGACACTTGTAACCTGCATGTTCCCTGTGGCCCCTGAAAGCTACAATTGTT  
ACAAGAAGAATTTGGTTTCTGTGGGGCATTAGGCTTTAAGCCA  
>SEQUENCE:3930:prostate\_MPM2000-004P1Novel007-2-Table1  
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CCCCATATCGCCAAGTAGGAACATGGTCCTTCTGCTTAGAAAACGGAAATAATGAACTGT  
ATGTTTGGTTGTCATTGTTTTTGAAAAGAGAATAACAACCTCCAAAAGACACTTCTTACAT  
TCT  
>SEQUENCE:3931:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:3937:prostate\_MPM2000-004P1Novel007-2-Table1  
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CAGGATTCCGGAGTTTGAATCCACCTTTGACAATTGTCCGAAAGACGTTTGAATCAACAG  
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AAACAAATCATGATTTCTTTCTAATGTTATCACCTGAGTCAAGGAAACATGTTACGCCT  
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GCTTTACACAGCCCTCCGTATTTATTAGGCAAAAGAGATAGGAGGGTGGGGGGGTGGAAG  
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>SEQUENCE:3942:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:3944:prostate\_MPM2000-004P1Novel007-2-Table1  
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AGTCGTGTTGAGGCTGAGAAACATGGTTTAAATGAGTCAGAGGCTGGCCACAGTGGCACG  
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CACCCCTCCCCTATGGAGGAGTGTGGTGCTGAGAGAGAATCTGTGCTTGGGAGAGGGAGA  
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>SEQUENCE:3946:prostate\_MPM2000-004P1Novel007-2-Table1

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TAAAAAATATTTTGTTCAGTGGCGTGCATTTTAATTCTCAGGCCATAGCTCCTACC  
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>SEQUENCE:3947:prostate\_MPM2000-004P1Novel007-2-Table1

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ACAGTGACTATGGCACTTTGTATTGGAACCTCAGTGTTCAGTGGTCTGTCTGTCTGCGGAATGG  
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>SEQUENCE:3948:prostate\_MPM2000-004P1Novel007-2-Table1

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TGCAGCACACCCTGATGGGGCCAGAAAATGTCACTGTGAGCCCTATGGGTGAAAGACACA  
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>SEQUENCE:3949:prostate\_MPM2000-004P1Novel007-2-Table1

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TATTATAGGGATCTGACCGCATGCCATTGTGGGAGCTGGTTAAACAGTCTCTGTAAGGCT  
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>SEQUENCE:3950:prostate\_MPM2000-004P1Novel007-2-Table1

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AAAAAAGATATAAACTGTCCTAATCTCATCACATTTAACTGACTAATATGAATATTTT  
CAACAAAAAGCATTTGACTCTTATTATTATTTGAGGCATAAACTAACTGCAACCAAATA  
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>SEQUENCE:3951:prostate\_MPM2000-004P1Novel007-2-Table1

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TACCTTTTTAATTCTCCCTGAATAACATTTTCTTTCTTCCACTCAGTGAACATCCCAAAA  
TAGAATTTTACTTGAAAACTTTACATCAGCCAAAGATGTTTTGTTTGCCATAAAGGAAG  
TAGGTTTCAGAGGGGGTAATTCCAATACAGGTAAGTAGACTTTGATACCTGGGATGTAAC  
ATAGGAGAGGGTTATCAGTGATCATACATGTAAAACAGTATTATGCTATTTTATATGAGC  
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AAATTTT

>SEQUENCE:3952:prostate\_MPM2000-004P1Novel007-2-Table1

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AATCTGTGCTTGGGAGAGGGAGAGCACAGTGACTATGGCACTTTGTATTGGAACCTGAGTG  
ATTGTTGGTCTGTCTGTCTGCGGAATGGAAAGCAATGCAGGGGCACAATTTTCGCTGGTGCCAC  
AGAGGCTGCATTTAGAACAGCCCTAGCCAGAGAAGAATTTTCCATCCTAGCAATTGGAAC



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CTGAGTTCCAGCTAGCCCACCGCTGTGGGCTAAAGTGATGTAAGCTCCTAAATAAATTTG  
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>SEQUENCE:3953:prostate\_MPM2000-004P1Novel007-2-Table1

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ACAAAACACAGGAGGGACAAAGAGATTATGCCTTCATGCTTCCCCGCTCCTTGAAAATGT  
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>SEQUENCE:3954:prostate\_MPM2000-004P1Novel007-2-Table1

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GCAGGGGTGTTGGAGGAGAAGTTGAAAATCCGTGTGTTCTCTGCCCTCTGCTCCTCCAT  
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>SEQUENCE:3955:prostate\_MPM2000-004P1Novel007-2-Table1

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ATGCCAGATAAGGAGTGGATGGCAAACATCTGTAGCAGACAAGCATCAAACCTGGATGGTA  
GTGGAATTGAACCAGAAGATGGCCAGCATTTTGGGCATGGATGAGGTGGAGATGAGGATG  
TCAATGCCTGAAAGCATGCAAAGAAATATATACATGGGCTCATGCAGGCTGTGCTCAGTC  
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>SEQUENCE:3956:prostate\_MPM2000-004P1Novel007-2-Table1

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AAAGTCATGATGTATGTATTTAAGCCACGTTAAAAGAAAAAATAACTATGGACCGGTA  
TTCAGTGAATACAGTTTCATGGTTTTTAATTCCTTCAAAGCACATTAAAAATGGTGTGCT  
GATAAACCCCAAGTAAATTAACCCTTTTTCCGTATAAATCCATTTTTTGTGTTGAAGAGG  
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>SEQUENCE:3957:prostate\_MPM2000-004P1Novel007-2-Table1

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CCCAGGCACAGCCCCCAACTCTTGATTTTTGATGTCACTAAGCGGCCCTCAGGGGTCCC  
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GGCTGACCATGAGGCTGATTACTGCTGCTCATATACAGGGAGCTCCAGTTTACCTTA  
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>SEQUENCE:3958:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAAGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATCACCTGCTGAGGG  
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TCTGCCTGGTCACCGACTTGACGATGGACTCCGTGTTGGCCACTGTCAAGGCATTGATCT  
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>SEQUENCE:3959:prostate\_MPM2000-004P1Novel007-2-Table1

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AAGTTCCGACTGCCTGGTTCAAGCGATTATCCTGCCTCAGCCTCCCAAGTAGCTGGAAC  
ACAGGCACGCACCACCGCCAGCTAATTTTTGTATTTTAGTAGAGACGAGGTTTCAC  
CATGTTGGCCAGGATGGTCTCCATCTGCTGACCTAATGATCCACCCTTGTGTCCTCCCA  
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>SEQUENCE:3960:prostate\_MPM2000-004P1Novel007-2-Table1

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CGCGGTGGCGGCCGCGCCGCGGCAGGTACAAAGATGCTACACCGGAGAAAGGGGGATCTGG  
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GACAAACCGAATTGCAGAACAAATTTTATGACTCAACCAACGTAGCAGAGTCCAGAGAGAG  
TTTGAAAAAACACCTTACAAAACCTTATAACTGAAGTTCTCCCTCCAAGGGCACTTAATT  
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>SEQUENCE:3961:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGTTCAGCCCTT  
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GACATTTTTGATTGTTGTAAATGGCATCTAGCAAGGATGCTGCTAAATATCCTATAATGC  
ACAGGACAGCTGGGACCCTCCCCCGCCAACAAGGAATAATCCACCCAAGGTCTCCATAG  
CACTGAGGCGCCGACAGCTTGCAGTGGCTCACGCAGGAGGAAGGAGCCTGGCGCTTTCTA  
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>SEQUENCE:3962:prostate\_MPM2000-004P1Novel007-2-Table1

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ATGCCACCCCAGAGGTCAAGAGTCGTGGGATGAAGTTTGCTGAGGAGCAGCTGCTAAAGC  
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CAGGAATTCGATATCAAGCTTATC

>SEQUENCE:3963:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:3964:prostate\_MPM2000-004P1Novel007-2-Table1

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GCTGAGGCAGGCAGATTGTTTGAGCCCAGGAGTTAAAGACCAGCCTGGGCAACACGGTAA  
AACCCCATCTCTACAACAAATACAAAATTAGGCTGCACGCCTATAATCCCAGCACTTTGG  
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>SEQUENCE:3965:prostate\_MPM2000-004P1Novel007-2-Table1

GGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAATAGCAAAAATCAAAGAGCAC  
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CCGGGGAGAGTCTGCTACATTTGAAGTTAATGTTCCATTACACCATTTTCTGCAAAAAG  
AAAAGAATCCATGTTACTCTTTTTATAAATAAATGCAAGTTATAATCTTTATATGTAA  
GATACCTTCAGAAAAGAAAATGTAAAATCCAATTCCTCAAGTGAAATTTACTTACCAGT  
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>SEQUENCE:3966:prostate\_MPM2000-004P1Novel007-2-Table1

TCACTATAGGGCGAATCGGAGCTCCACCGCGGTGGCGGCCGCGGCAGGTACAGAAGAACTG  
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CAACATTCACGGAAACGCTGGGAAAACCTTTATCCATAGTGAGAACAGACACCTTGTCAGC  
CCTGAGGCCCTAGATCNNTTCTGGACAACTTCTGCGATACCGACTCATCAACAGAGACT  
GACTGCCAAAGAGGCTCATGGAGCANCCCATACCTTCTACCTCTGTGGTGAAGGGGAGCA  
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>SEQUENCE:3967:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATGGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGTTTGGGGGCTCTTTCCAGCCT  
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CTGAGTCTGGCCTCATTTGGGAAGTCTTCTGTGGTGTATGGATGCCTGTGTGTGTGAGTG  
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ACAACAGGATGGGGTGCTGGGATGGGGGTTTAAGAGGTCTCTGCTAGATATTTCTGAACT  
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AACCCTTGCCTGCAGCATANGTCCAGGCCTCATGGCCCTACACCTTGACCTCTTGA

>SEQUENCE:3968:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGGGCATTTCTCCCAG  
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GTGCAAAAACATGTCACTACTTAGACATTATATTGTCATCTTGCTGTTTCTAGTGATGTT  
AATTATCTCCATTTTCAGCAGATGTGTGGCCTCAGATGGTAAAGTCAGCAGCCTTTCTTAT  
TTCTCACCTGGAAATACATACGACCATTGAGGAGACAAATGGCAAGGTGTCAGCATAACC  
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AAATGAAGCAATCTACATAAAGTCACTAGTGCAGTGCCTGACACACACCATTCTCTTGAG  
GTCCCCTCTAGAGATCCCACAGGTCATATGACTTCTTGGGGAGCAGTGGCTCACACCTGT  
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>SEQUENCE:3969:prostate\_MPM2000-004P1Novel007-2-Table1

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TGCACAGCCAGTCTTGTCATCAACAAACAGGGTAGTAAATTATAAAAAATAAAATAAGGA  
AATGTAGCTGGGCGTGGTGGCATGCGCCTGTAATCCCAGCTACTCCGGAGGCTGATGCAG  
GAGAATCGCTTGAACCCAGGAGGTGAAGGTTGCAGTGAGGCGAGATCGCGCCACTGCGCT  
CCAGCGTGGATGGCAAGAGCGAAACTCCTTCTCGAAATAATAAATAAAATAAAGGAAATA  
GGGCCGGGCATGGTGGCTCACGCCTGTAATTCCAGCACTTTTGGTGGCCGAGGCGGGCAG  
ATCACTTGAGGTCAGAGGTTGAGACCAGTCTGGCCAACATGGTGAAACCCCTTCTCTGC  
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>SEQUENCE:3970:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACAACCTTTATCTTTTTT  
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TTGGGGGAAAAGTTCTTGACAGACACAAGTCAAACACAATCCCGAGACGCTTGTGGCAA  
AATAGAGGTAACCTTGTTGCAATGCTTTATAAGTTGGTTTTTAATCTGAATTCAAAAAC  
CTTTAAAGTCGCTTCAGACTTCTTGATAAAGGATGGATCTCAAAAAAAGTGGGGAGGGGG  
CAAAGTAAAAAATAAACCAGCTACAGGACAGGCCAAGAGACCCAGGATTTCAATTAACCC  
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>SEQUENCE:3971:prostate\_MPM2000-004P1Novel007-2-Table1

ACTCACTTAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTACTATCATCTC  
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TTTTGGAAAAAAGGGGGGGCCCCCCCCCCCCCAAAAAAATTTTTTTTTCCCCCCCCCCCCCTT  
TTTAACCCAAATTTTTCCCCCAATTCTCCCCCAATTTTTTACCCGGAAAAAATTTTTA  
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TTTTTAATTGAAAGGCCCTTGCCCTAACGGGGGGAATTTTT

>SEQUENCE:3972:prostate\_MPM2000-004P1Novel007-2-Table1

TGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTATTAACAAAACAGTTTATGTG  
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AGTTTTAAACGTTAATTATAAAGAAAATTCTGCGTGTAACATATTAGCTAAAGTTAAA  
AAGGTATCATCCAGTTTTTCTGTGAAGTGGACATTAAAGTAAAAAATGCCACAGGTTTTT  
CTTAAGCATCAACCTGCTCTTTAACAATAATTATAAAGGTTAAAAAGAGTCTATAAAA  
TCTTACCTTATGGTCAAACATGAAAAATTGGATAAATATGTCTACAAGGTTTTATTAAAA



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TTCAGTTTAAAATTAATAACACACTAATATAAAGGTAAAATTTAGCTTATCTGGTATAAA  
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>SEQUENCE:3973:prostate\_MPM2000-004P1Novel007-2-Table1  
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CGCGCCTGTAATCCCAGCTACTCAGAAGGCTGAGGCAGGAGAATCACTTGAACCCGGGAG  
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>SEQUENCE:3974:prostate\_MPM2000-004P1Novel007-2-Table1  
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GGAGGTTCTATGTGCCATAATTAACATTGCCTTGAAGACTCCTGGGCACCGAGACTGGCC  
TCAGAAATAGTTGGCTTTTTTTTTTAAATTGCAAGCATATTTCTTTTAATGACTCCAGTA  
AAATTAAGCATCAAGTAAACAAGTGGAAGTGACCTACACTNTTTAACTTGTCTCACTAG  
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ACTTTGCTTATCTTGAAAAGAGA  
>SEQUENCE:3975:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:3976:prostate\_MPM2000-004P1Novel007-2-Table1  
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CTGGACCCTGCTCAGAGGACTCTATACAGGGACGTGATGCTGGAGAATTATAGGAACCTG  
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>SEQUENCE:3977:prostate\_MPM2000-004P1Novel007-2-Table1  
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AATACATGAAATCCACATTTCAAGTTAATAAATAAAGTTTTATTGGAACAGAGCCATAC  
TCATTCATTTATATATCATCTATGGTTGCTTTCCATTATAATGACATAGTTGAGTAGTT  
GTGACAGAACTATGTCTCACACTTTGGGAGGCCAAGGCAGGTGGATCATGAAGTCAGGA  
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GCCAGGCGTGGTGGCGGGTGCCTGTAATCCCAGC  
>SEQUENCE:3978:prostate\_MPM2000-004P1Novel007-2-Table1  
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AAATCAAATTTAGCGATTTTCTGAGTTCAAATAGGTTATAAAGCAGCAGAGACAACACA  
CAACATCAACAATGCATTTGGCCCAGGAACTGCTGATGAACATACAGTGCCGTGATGGCT  
CAAGAAGTTTTGCAAAGGAGACTAGAGCCTTGAAGATGAGGAGTGACAGTGGCCAGTCATC  
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>SEQUENCE:3979:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGTGGTGTGCGCAT  
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GAACTGCAAAAGAAATCCGAATTGCTTGGTTGGTATTGGTGAGCATATTTGGTAGGAGA  
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TGGTTTCTCAACTTGGAGCTTCGGCAGGCACTCTACTTATGTCCAAACACTTGTAGTGAC  
TACATGCTGGGAGACGGCATCCNNNANNAAAAAAAAAAAAAAAAAAAAAAGGTACCTGCCC  
GGGCGGCCGCTCTAAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTAT  
CGATACCGTCGACCTCAAGGGGGGGGCCCGGTACCCAACCTTTTGTTCCTTTAATGAAGGT  
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>SEQUENCE:3980:prostate\_MPM2000-004P1Novel007-2-Table1

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TAATCCCAACACTTGCAAGGCCGAGGCGAGTGGATCAGTTGAGGTGGATACATTGCAAAT  
AGCCTAGCAATCATGACAGATGCACCTTCATATGTTAACTGACCTAGGCGCCATCATACTC  
ACCCTGCTTGCTTTGTGGCTATCATCAAATCACCAACCAAAGATTACCTTTGGATTT  
CATCGCTTAGGCTGGAATACAATGACACCATCATGGCTCACTGCACCGTCGAACTCCTGA  
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>SEQUENCE:3981:prostate\_MPM2000-004P1Novel007-2-Table1

GCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTTTTTT  
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AGTGGTGCTGTCACGGCTCACTGCAGCCTCAACCTGCCTTCCTGCCTTAGTCTTTGGAGT  
AGCTGGGACCACAGGTGTGAGCTGTCACACCTGGCTAAGTTTTAAATTTTCTTGTAGAGA  
CAGATTCTCGCTTTGTTGCCCCAGCTGTTCTCCAACGCCTGGACTCAAGCAATCTTCCTG  
CCTTGGCCTCCCAAACCTGTTGGGATTATAGGTGTGAGCCACTGTGCCTGGTCTCCATGTC  
TGTTGTGTTTATCACTGTGTGGCTGACATATAGTAGGTGTTTTTTGTTTGTGTTATT  
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TGCAACCTCCACCT

>SEQUENCE:3982:prostate\_MPM2000-004P1Novel007-2-Table1

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ATGTTATTTCTCACAGTAAGAATCTGCGCTTTAGTGGTTTCATAATTAGGTAGAAGCAGA  
TGCGGTATAAATGTAAGACAGTTATAATTGTTAGAGGTCTATGCCATCCTCCATGTTTAT  
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>SEQUENCE:3983:prostate\_MPM2000-004P1Novel007-2-Table1

GCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGC  
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TTTTTTTTCTTTTTTTTTTAAATATAATGAATTTTAAAATGTGCGTTTGTGCCCAGAT  
TATTCAGAAAGAGTTGAAGGGAGGAAAGGTGTGCTTGGTGTGCTGGTGATTCTAGCACT  
CTCTCCAGCCTGATTTCTAGTTTGTGTGGTGCATCCAGACAGCTCACCCAGGTGCCCGGG  
CTCTTTCTGGTATCCAGAGCCAACCCATCCAGGGCAGGAGGGTGAAGATTAGGAGGGGCA  
AAGGTTAGCCTGGAGGTTGCAATTAACAAGAATCAAATGGGTTTCAGGATTCTCACACC  
CAGGTGCTAATTTAGCTGGTCCTGTAGAGGTGACACGTAGTAGGACAACATGGTTTTGG  
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>SEQUENCE:3984:prostate\_MPM2000-004P1Novel007-2-Table1

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GCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGCAGGTACATTTTCACTCCTGCTCT  
AAAACCTTGCCTCAGTCTCTCACTGTGCCTTATGCCCCTCAGCTGAATTCTTTCTTCTGAG  
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GCCACATGACTAGGATATGTTCTCTAGTGCTAACATGTTCTTTACAGTTCTTAGGACTC  
CCTGATAGAAAAAACACATAANAACACAAAATAACCCAACCAACCAACAAACAAAAA  
AACACAGGAGTTTCTCCCAAAAAGAAGTCTGCAGTGTCTNTTCTGTTTTCTCTGAAGGTA  
TCCCAGGGTGTTAGATTTCTGTTGTTTTCCCTTATGTGGCACCGAAGTTGGCAAGAAGAA  
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>SEQUENCE:3986:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCCGAGGTACCATCCTGT  
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ACAGAGCAAGTAATTGGCAATAATTTTTTTAGCTCTAAAAAAGAAAAAAAAAAAAAGGTGG  
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>SEQUENCE:3987:prostate\_MPM2000-004P1Novel007-2-Table1

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTAG  
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ACCATTTTCATGAAAATAACTAGTTGATTCAGGGGTATGAAAATCAGTCAAACCTGGATATG  
GAATTATTATCTTCGAAGGAACCAGAAAACCAATCAAATATCTTGCTTTCTAGATGACAG  
TGCCAAGATCATATTCAGTGAAGAAACAGGTAACAGTGACTAGGTTACAGGCTGAAA  
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>SEQUENCE:3988:prostate\_MPM2000-004P1Novel007-2-Table1

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AAAAGATTCATCGGCCAGGTGTGGTGGCTTACACCTGTAATCCCAGCACTTTGGGAGGCT  
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CAAGATTGTGCCGCTGCACTCCAGCCTGGGTAACAGAGCAAGACCCTGTCTCCCCCTAAA  
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>SEQUENCE:3989:prostate\_MPM2000-004P1Novel007-2-Table1

TATACGACTACTATATGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGAC  
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>SEQUENCE:3990:prostate\_MPM2000-004P1Novel007-2-Table1

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GCTGCGCATCTTTTCATCTAGAGAATACTGAGAATAGTAGGAGATGACTTCCTGTCGGGA  
ACACTTTGTTTCACGAAGGGCTTTTAGGCTTCCATTCCAGTGCAATAGTTGGAAGATGGT  
CATCAGCTCCTGAAACTCCAGCATAGTCTTCCCATGTTTGACTCCAGCATGTAGTGATA  
GGCCCCAACACTGGTGCTGGGGTGCATCTGCATCATCTAAGGTGCCGCTGGTGGAGGCTAC  
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>SEQUENCE:3991:prostate\_MPM2000-004P1Novel007-2-Table1

GTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCCGAGGTACTGAG



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TATAAAACAATATAAAACAATATGAGAAGGTCTCTCTCTTCCCTCAAGAGTGTATGACTT  
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GAGAGAAAAAGTTTTTTAATTTTAATGAAATCCACCAATTTATCTATTTTTCTTTTACG  
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TGTTTTCAGTTTTATAGCTTTCCATTTTACATTTAGATATATGATCCATTTTGAGTTAAG  
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AACATTTATTGAACTCTTCTTCCCTCCATTGGTTATAAGATAAATCCGTTGGCCATACTT  
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>SEQUENCE:3992:prostate\_MPM2000-004P1Novel007-2-Table1

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TTTATGCAGCTTTAAGTGGGAATCTTAAGCAGCTGCTTCCTGTCTGTGACACCTGTGAAG  
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GGACGTTAGAAAAGGTTTTTGAGGAACTTCAAGCTACTGACAAAAAGAGAGTTCTGGAAG  
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TGATGGATGAGTTTAGCAAATGGCTTTCCAAAAGCAGAAACAATCTACCTGGACACCTGC  
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>SEQUENCE:3993:prostate\_MPM2000-004P1Novel007-2-Table1

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AGCTACCAGGGTGGGTAGAGGAGGACCATCAGGTTGGGGCAGGGCTAGGTGCGTCTGAGT  
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AGGTCACCTAGAGTTGTGTGCCTAGGAAGATTATGGCTACCTCTGCTGAGTCACGCATGTT  
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ATGCCACACTTTGAGATGAATAAAGAGTCCTTTATTAGCCCGCGACCGAGAGATGGCTAA  
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>SEQUENCE:3994:prostate\_MPM2000-004P1Novel007-2-Table1

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CAAATATATTTTAATTATGCATTTATTTTGCTACTTTTATAAATATTAGAGATTTACCT  
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ACGTATAATTGACCTATGTTTATGCATATATGTTCTCTACACAGTGAACTTTTTTTAAA  
AAGAATAGTAAAGAAAATGCGGAAGCTCTGGCTCTCCAAGGCAAAGTCAAAAAAAAAGC  
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TTCTCCCCTTGTTTATTTGTTTAATGCTAGAACTGTATTCCTAAGAGAGCATACCTCTT  
TCAGGTGAGCATGATAATTGGAAGATTTTGATACTTAGAGTATGAACATATAATTAAGAA  
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>SEQUENCE:3995:prostate\_MPM2000-004P1Novel007-2-Table1

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GATTTTATATAAAAGAGTTTATTCCTTCTACTTGAGGTGTGACATGAAGGAAAGTAATGG  
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TACCTGTTTCAATCCCTGGGGGCAGAACAAAAGGACGCACTCCAAAGATCGGCATGAACC  
AAGAAGTGGGTTTATATAAAATATTTTATTCTGTCCTCTTGAGATGTGACATGAGAAAA  
GTATTGAGAATACTTCTATCACCTCATCTTCAAGAATCCGTAGGAATTCTCCCATGGTGG

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ACTTTACGGTTAACCTGAACAGGTCTTGGAAAAAGGACTTTAAACATTCTCCTGTTCTGT  
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>SEQUENCE:3996:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTAC  
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AAATTGAAGTATTTATAAGTGAGTGACGTGATGTCTGAGATCTATCTTAAAGTAATCCAG  
TAGGGCAAAGATAACTTGAGATTGGCCAGTTCTTGATAATTTTTGAAGTAGGCTGATGAG  
TACGCGGGGCTTCCTTTTCGATCCGCCATCTGCGGTGGAGCCGCCACCAAATGCAGATT  
TTCGTGAAAACCCTTACGGGGGAAGACCATCACCTCGAGGTTGAACCCTCGGATACGATA  
GAAAATGTAAAGGCCAAGATCCAGGATAAGGAAGGAATTCCTCCTGATCAGCAGAGACTG  
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>SEQUENCE:3997:prostate\_MPM2000-004P1Novel007-2-Table1

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ATGAATATAATGAGTAGGGAAAGGATTCTTTGTAATAGTGATACCTCTGTGGTAAGAGAA  
GGGTGGTATGTGAGTTTTAGTCTACAGATTATGGCAAATTCAGTGACAACAATCAAATGG  
TCTAAGATTGACAGTAGCACAGTTTTACTCTGTGAAGGTAATGTTTCAGGACAAATTTCAA  
GAAACTAGAAAACCATTTCTTTACAGCTGAAATCTTTCCCTAACCATTTGTTATTTCCACT  
TTTAAGTCCTCAAGAGATGAGAAAAGGGAGGTAAGGCTTCCTTATACATTTCTGCACAA  
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>SEQUENCE:3998:prostate\_MPM2000-004P1Novel007-2-Table1

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GCACTGCACCTGCTTCCTTCCCTTCATGCGGCTGACCCATTTCTGTTGAACAGATGTCTC  
CTGTGTGATGCCCTGACTCTTACATTTATCTTTCTAAATCATTTTCTGAAGCTGACTTG  
CTCTAGGGTGCTTCATCACCACTTCCATCTTGCATCACCTTATAACTGTTCTGTCTTGTT  
CTCTCCCAGCAATTTATTTTAAAACAAGGGCTAGCTTCAAGCATGACTGTTAATGGCTCC  
TCTGTGACAAAACACAAGTTGGACCAAGGAGAAAGCCCTTTGGAGAACTGGACCCTAGT  
TCAGTTTAGATCTCAAATATAGGCTGAAATCTCTTACCAAAGTGCGTTCCAGATAAAAAT  
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ACGTG

>SEQUENCE:3999:prostate\_MPM2000-004P1Novel007-2-Table1

ACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCCTAAACCTAGTAT  
CTTTTTCTCTTCTATGGAATAATCCGAAGGTCTAACTTGACTTTTTTGAGGTCTTCTCAA  
CTTGACTACAGTTGTGCTCATAATTGTCTTGCCTTTCCAGCTTAATTATTTAAGGAAC  
AAATGAAAACCTCTGGGCTGGGTGGAGTGGCTCATACCTGTAATCCCAGCACTTTGGGAGG  
CTACGGTGGGCAGATCATCTGAGGCCAGGAGTTCGAGACCTGCCTGGCCAACATGGCAAC  
ACCCCGTCTCTAATAAAAATATAAAAATTAGCCTGGCATGGTAGCATGCGCCTATAGTCC  
CAGCTGCTCAGGAGGCTGAGGCATGAGAATCGCTTGAACCTAGGAGGTGGAGGTTGCATT  
CAACTGAGATCATACCACTTCATTCCAGCCTGNGCGACAGAGCAAGACTCTGTCTCAAAA  
AAAAAAAAAAGGAAAACCTCTGTGATGGACATTTGTTTAGTAAATCCCTTCAGTATTTATC  
CCTCCTTTCCCCACAGCA

>SEQUENCE:4000:prostate\_MPM2000-004P1Novel007-2-Table1

CTCATATACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACA  
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CATGGTAGGATTGGTTTGTTTATTATACTTGGCCTAACTATTTGTATACAATGCAGCAAG  
AATGATTATTTTTTACTTAGGCTTTTAAGTAGGCTCTGATGGAACCTTGTTCCATAGCAG  
GAATCTCAGATAAGACTTTGTAAAACCCGTAAAACCCAGCCGAGCCATGGATTTATGCCA  
TTAAATACCCATGAGTTGGGTGAAATTTCTCTCCTTTTGAGGGCCCAAGATAAACCTGN  
GGCGTCTGCACTTGTCAAAAAGTGATATTCTTTACTTACACAGTCAGAAACCCTGTTTCAG  
GGACTGTGTATACAGAATATGAGGCCAGTTTTTCCAAGGGCTNTATTGGCTCCGTAAGTC

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AAGTTTGATTCTTATAAGGAAAGCACATGAT

>SEQUENCE:4001:prostate\_MPM2000-004P1Novel007-2-Table1

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTT  
TTTTTTTTGCTCCAGTGGCGGGACACGGNGGCTTATTTTTACTCTTATTTATTTATTTA  
TTTTTGAGACTGAGTCTCACTCTATCACCCAGGCTGGAGTGCAGTGGTGCGATCTTGGC  
TCACTGCAACCTCCACCTCCTGGGTTCAAGCGATTCTCCTGCCTCAGCCTCCCAAGTAGC  
TGGGATTACAGGCGCATGCCACCACACTCGGCTAATTTATTTTTACAAGCAGATAAAGGT  
TTCTTTTATTTTAATGGCTGATCTATGTAATCACGGAGGCCAGTATGTACATTAGTTCCG  
TCCGGAAAGGCGGAGACAGCTCAAAGCAAGACCCCCTATTGGGGGCTTCGAAGTAACAGG  
TAGGTGAGAGACAGATGGTTGCATTCTTTTGAAGTTTCTGATAAGTCTTTCCAAAGGAGGC  
AATCAGAATATGCATCTGTCTCTGTGAGCAAGTGGATGACTTGAATAGA

>SEQUENCE:4002:prostate\_MPM2000-004P1Novel007-2-Table1

GAATTGGAGCTCCACCGCGGTGGCGGCCGCACAACAGGAGTGAGTGGCAGGTGAGTGAG  
C

ATCACCACCCGAGCTCTGCCTCCTATCAGATCAGTGGCGACATTAGATTCTCATAGGAGC  
ACGAACCCTATTGTGAACCGCACACACAAGGCCAGCTCCTTATGAGACTCTCATGCCTGA  
TGATCTGTCACTGTCTCCCATCACCCACAGATGGGACCATCTAGTTGCAGGAAAACAAGC  
TCAGGGTTCCCACTGATTCTACATGATGGTGAGTTGTAGAATTAGTTCATTATGTATTAC  
AATGTAATAATAATAAAGTGCACAATAAATGTAATGCACTTGAATCATCCTGAAACCACC  
TCCACCCCCAGCCTGGTCTATGGAAAACTGTATTCCATGAAACCGGTTCTGGTACCTC  
GGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGAT  
ACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGGTCCCTTTAGT

>SEQUENCE:4003:prostate\_MPM2000-004P1Novel007-2-Table1

ATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCCGGTACGCGGGGGGGCTTGGAAGCA  
G

CTCTCTCCTCCTTCCCCGCTGCTTATAAACCTCAGCCCTGAGGCTCCAGCTCACTCTACC  
CCATCTCCTTGCCGGGTCAGCCCTGACAAAGGTTCAACTAGCCCCTTGAGGACAA

>SEQUENCE:4004:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATCTACT  
TAAAGGACTATTATGTGGAATAATACATACTAATGAAGTATTACTTGATTTAAAGACTAC  
AATAAAACCAAACATGCTTATAACATTAAGAAAAACAATAAAGATACATGATTGAAACCA  
AGTTGAAAAATAGCATATGCCTTGGAGGAAATGTGCTCAAATTACTAATGATTTAGTGTT  
GTCCCTACTTTCTCTCTCTTTTTCTTTCTTTTTTTTTTATTATGGTTAGCTGTCACATA  
CAACTTTTTTTTTTTTTGAGATGGGGTCTCACTCTGTCACCAGGCTGGAGTGCAGTGGTG  
CGATCTCGGCTCACTGCAACCTCCACATCCCATGTTGAAGTAATTCTTCTGCCTCAGCCT  
CCCGAGTAGCTGGGACTAGAGGAACATGCCACCATGACTGGCTACTTTTCTGTATTTTT  
AGTAGAGACAGAGTTTCACCATGTTGGCCAGGATGGTCTCGATCTCCTGACCTCGTGATC  
CACCCGCCTCAGCCTCCCAAGTGTTGGGATTACAGGTGTGAACC

>SEQUENCE:4005:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTT  
TTTTTTTTGGATCCAGCGCTGGCTAAAAAATGTCACGTTACCCTTTTTTCTTTTTTG  
GAGATGGGGGCTCACTATGTTGCCAGGCTGGTCTCGAATTCCTGGGCTCAAGTGACCC  
TCCTGCCTCTGCCTCACTGAGTGTGGGATTACAGGTGTGCGTCACCACACACTATGCAA  
AGAATTTTCTTAACGAACCCAACACGTAACAGCATTCAAGTTCAACAAACAGAACATAA  
CCAGTCCCTAGAAGCCCCTTTTACATCTCCTCCATCACTATACCCTGCATATATATACTA  
TACATATACAGTATATACATATACAGCATATACATGTATACAGTATATACAATATACATA  
TACAGCACATACGAGA

>SEQUENCE:4006:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCACTGTGATGCACTAGA  
GCCCCATGCTCAATCTTCTTTTTCATGTCATAAATGTGAATTGTTTCATCTTTGCTCCCA  
GTGACCACAAAACGACTATTTACAGCTACTGCTGACAAGGAGGCAGTGTGAGCATGGTGA  
GTGAAGTCAGCCACAAGAGTCCATTGCTGTTGGGGAGCTTGGTTGTTGGAGACGTGAGTC  
TTGCCGAAGATCCCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATA  
TCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTT  
TAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAG

>SEQUENCE:4007:prostate\_MPM2000-004P1Novel007-2-Table1



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ACTACTATANGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCCCCGGGCAGGTACTTTTT  
TTTTTTTTTTTTTTTTTCTTGGGGGGTGTGTTGCTTGTTTCTTGCCAGCTTCACATTT  
TACAGATTCTCATAATAATTCTAAGAATAGCTCTAATATGGTTTGGCTGCCCCACCCAAA  
TCTCATCTTGAATTGTAACCTCCACAATTCCCATGTGTCATGGGAGGAACCTTATGGGAG  
GTGATTGAATTATGGAGACAGGTCTTTTCTGCGCTGTTCTCATGATAGTGAGATCAGTCT  
CATAAGATCTGATGGCTTTAAAAATGGGAGCTTCCCTGCACAAGCTCTCTCTCTCTTT  
GTCTGCTGCCATTCATGTAAGACATGACTTGCTCCTCCTTGCCCTTCTGCCATGATTTGAG  
GCCTCCCCAGCCATGTGGAATGGTAAGTCCATTAAACCTCTTTCTTTTATAAATTGCCCA  
GTCTCAGATATGTCTTTACCAGCAGCATGAAAAAGGACTAATACAAATTCCATCTTGAAT  
TTGACAACCAGAGTAACAATTAC

>SEQUENCE:4008:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCCCCGGGCAGGTACTTTTT  
TTTTTTTTTTTTTTGTCCAGGCCACTTTTATTTAAACAGAAGCAGCGGCCCCACAGCCAC  
GGGGACATGTCTTCCAGACAGTAGACACAGTGCCTGTGGCTGTAAGA

>SEQUENCE:4009:prostate\_MPM2000-004P1Novel007-2-Table1

CTATCACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCCCCGGGCAGGTAC  
CATGAGACACTATTCTCTCATGAAATAGTTTTGGCACTCTTGTAAGAAATCAGTAAGCCA  
CAGATGTATGAGTTTATTTCTAGACTCTTAATTCTATTCCATTGATCTATATATTTATCC  
TTCTGACAC

>SEQUENCE:4010:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCCCCGGGCAGGTACAGACA  
GAATTAAAGACCTGGAGAAACAGTTCGTAAAGCCTGATGGTGAGAATAGAGCTCGCTTCC  
TTCCAGGGAAAGATCTGACCGAAAAAGAAATGATCCAAAAATTAGACAAGCTGGAAGTAC  
AACTG

>SEQUENCE:4011:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCCCCGGGCAGGTACCACTCAGAA  
GCCTTCACTGTCAACTTCGGGGACACCGAAGAGGCCAAGAAACAGATCAACGATTACGTG  
GAGAAGGGTACATTGGACATCCTGGACTGATTCTGTAATTTTCGTATCTTTTTTCTCCA  
TGTTCCCTTTATTTGTCTTTTGGTTCTGCTTTTTGGGAGATTTCTTAAGTTGATCTACC  
TGAGGCTCAGTCTCATCTGTAAAATGCTGATAAAAGGACCTACCACCTAGCGTTGCTGT  
GAGGTGTCAGTGAAATAAAATGTAAAATGCTTAGCACAGTGAAGTTTAATAAATGGTAGT  
TGTGGTTGCACATAAAAAAAAAAAAAAAAAAAGGAAAAAAAAAAAAAAAAAAAAAAAAA  
AAAAA

>SEQUENCE:4012:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCCCCGGGCAGGTACA  
GAAAATTAGCAAGAGACATTTTCTGCATTGTGAGAAATCAACATAGACACCTTAAAGACC  
CCTTTGAGAGTGTGGCTTTTTGAACTTTTCAAGTTTTGCTCAGTGACCTGCTAACAACCTTA  
CGTGAGAGGCTCCAGGTGTAAATAGAATCTAATGGCAGAATCTGTAAGTGTAACAAGCA  
TCTTAGGAGTGAGAGATCAAGACCACAAAATGTCCAGAGCTATGACCACAGCTATACCTA  
CCCATAAAATACGATACTGGAGTAGGGTATTTTTGTCTTTTTTTCTTACCTAAGAGCTAG  
CTAATCAGGACAGGTGATGCAGGTTCTGGAGCTCTACCAGGGCAGTTCTATTTTCTTTTT  
TTGAGACAGAGTCTCACTGTGCGCCTGGGCTGGAGCGCGGTGGCACGATCTTGGTGCACT  
GCAAGCTCCGCCTCCCGGGTTCATGTCATTCTCCCTCAGCTACTTGGGAGGCTGAGGCAG  
GAGAATCGCTTGGAGGTTGCAGTGAGCTGAGATTGTGCCATTGCACTCCAGCCTGGGCGA  
CAAGAGCGAACTCCATTTTAC

>SEQUENCE:4013:prostate\_MPM2000-004P1Novel007-2-Table1

ACTCACTATANGGCGAATNGGAGCTCCACCGCGGTGGCGGGCCGCCCCGGGCAGGTACTCAA  
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TGCTACAGCAAAGGCTGGTTGTGGCAAAGTTTCATTTCAAACCTGTATGATGTGGCGCTGG  
GCAAGGTGGCTCACGCCTGTAATCCCAGCACTTTGTGAGGCCGAGGTGGGCTGATCACCC  
TGAGGTCAGGAGAGACCGGCCTAGCCAACATGCTGAAACCCCGTCTCTACTAATAATACA  
AAAATTAGCCAAGTGTGGTGGCGCGCACCTGTAATCTCAGCTACTCGGGAGGCTGAGGCA  
GGAGAATCGCTTGAACCCGGGGGGGAGAGGTTGCAGATCACGCCACTGCACTCCAGCCTG  
TGTGACAGAGCCAGACTCAAAAACAAAACAAAATAAAACAAAACAAAACAGAACTGCA  
TGATGTATAATTTTGACATTATGTGGG

>SEQUENCE:4014:prostate\_MPM2000-004P1Novel007-2-Table1

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CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCGGCCCTCCAA  
GTAGTGTTTGCGAATACACGTCCTGTTGTGAAAGAGGTGAGGAGAAAGGAGTAGGAAGGC  
TCAGAGGACATAACAGGCCAAAAAGAAACAAGAGAGGTAATAAAAAAGAAATTAATCTAATG  
GCTTCACCCGGCTTAGGCGCAGTTTTTAAGGGGCCTGACCCAGGCTTCGGGACCCATGTTT  
CTAGTTGGGCTCTGTTGGCCTTTTTGTTGTGGGAGTGATGAATCCAAGCAGGAATTCCAT  
CCACCTTCAGAACCGTTGGCGTCGTGAGGATGATGGTGTGAGGTCCCTTCCAAGCAGGAG  
TGAGTCCTTCTTTCTGGAACTTTTTAACAAACACTAGGTTTCCCTGGCTTGAAACAATGG  
CAGGGCCCCTGTTGGTCAGGAAGTGGATTGGAATGAGCT

>SEQUENCE:4015:prostate\_MPM2000-004P1Novel007-2-Table1

GGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTGGTATGTTTTTGTCTTGAA  
AAGACGGTTTTCTAGCTAGAAATTCGGGGGCCATAAGGTCAAGGCTCCAGAGATCCCCTT  
CTCATCATCCTTCAGTTGTCTGAGGAGACAGAGGATCACATGTGTCACAGTGAGTGCTGT  
TTCCCCAGAATCTGCAGTCTTAAGCTCTCCTGCTGACGCACACAGCCAGCTCTCTGCTTC  
ATATTCATGTGACCCACTGTGAAGTGACAGGCAGTTGCCAATTCTGTTATATAAGAAGCA  
GCTTTGTCCATGCAACTTTTGA

>SEQUENCE:4016:prostate\_MPM2000-004P1Novel007-2-Table1

GACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTTTT  
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CCAAGTTCCCCAGGCTGGTCTCGAACTCTTGGCCTCAAGTGATCCTCCATGCCTGGGCTG  
GAAAACATAACCTTATGGGAAAGTTCCTAAAAATGGTTGAAGAACAAGACTGAAGGCTAG  
AATATGAAAGCTTAAATTCTGATTCTGCCCTTCCTAGTTGCATATTCCTGAACAAATAT  
TTTCAACTGGTATTTCTAAAATTGTGATC

>SEQUENCE:4017:prostate\_MPM2000-004P1Novel007-2-Table1

CCCGGGCAGGTACAGTTCACATTAATATTCACATCCCACTTTCTGCTACTTCTGTGAGCT  
ATACTCTGGAGAAAAATACAAAGAATGGACTTACACGCTGGGCCAAGGAAATAGAAAATG  
GTGTTTATTTGATTAGTGGACAAGTTAAAGATGAAGATTGTGACCTATTTGAAAGGACAG  
AAAAAATCTTCTAGAGGGAAATACTCAAGCAACTAGTCATTCTTTTGATGTCAGAGTGC  
TAACGCAGTTGCTCCTGAATTCAGACCACAGATCCACAGCCACAGTCCAGATATGTAGCG  
GTTCTGTAAACCTTAAGGGTGCTGTGAAATGCAGAGCTTATATCCACAGCAGTAAACCCA  
AAGTTAAAGATGCTGTGCAGGCAGTAAAGAGGGATATATTGAACACAGTTGCTGATCGTT  
GGGAAATGCTATTTGAGGAT

>SEQUENCE:4018:prostate\_MPM2000-004P1Novel007-2-Table1

GAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACATGTAATTTGATCTTTATCAAGGG  
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CACCTGCGAAGAAGGGGAAGGCTTGTTTTGCGGTATTTGGGAAAGCATGCCAATTCTCT  
CTCTTGAATAAGGGCACCATGCCTGGGGGCACACTACTTTAATCTCTGACCAGGGTTTCA  
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>SEQUENCE:4019:prostate\_MPM2000-004P1Novel007-2-Table1

CGACTCCTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACCG  
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GGTCATTTTGCTTCCTATAGACTGCCACCTTTTGGCAAAGCTGTTCTAACTCCATCTCA  
GCATTTACAATTCCATACCTGGTGGTCAGAGGAGGCCCGCCTGCAGGCTCAGCTAAATCG  
GGCTGATGGCATTCCAATTACTCAGGCTCAGCTCACAGGCTCCGATAATTACTCTGATAC  
TACTGCTCATTAGGCTTTGATGCTCTCACCACGGAACAAGTAACAAAGGTGTGTATGAG  
AGCTTGGGATAAATTACGCACCCCAAGGCTTCTGTTTCTTTTACTATTGTTAAACA  
GGGTCACAATGAATTATCTTGATTTTTTAGCTAAATTACAAGATGCTGTTGAAAAATC  
TGTCTCTGATGAGCACACTCAAGGTATTCTTCTTCATATGTTAG

>SEQUENCE:4020:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTTTTTTTTTTTTTT  
TTTTTGTGTGTGACTGTCTTATTTCTGGGATTCCAGATGCCCATGATAAGAGTGAGTTG  
CTCCTTGCCTGTTCAACTACCCACTCCACAGGAGTCACTGAAGGCCATGAACAAGTCCC  
AGTGTGCAGTAGCCCTGTGCAGGGTTCCCAGCTTCCTCCCCTTTCAGCCCAGCATCTGTT  
TCTTCCTTCTGCCCACTCTCAATGCCTCCCTTCTGAAGATCTGCTAGGAGTGACCTCGG  
CCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATAC  
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GCGCGCTTGGCGTAATCATGG

&gt;SEQUENCE:4021:prostate\_MPM2000-004P1Novel007-2-Table1

GGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGAGGTACAAGTATACTCCGACT  
CTATAAACTTACTCTTCTTTAAAGCAGATCATCCTATTTATCATAAGATTATTA AAAATG  
TATACCTTTGCTTTTATTGCCATAAAAAAAGCTTTCTTTGGAATAAAATAGATTTTAT  
CCAAAGATGCAGAACTGTTTTCAAGATAAATCCAATCTGATGAATTTGACAGATTAAAGAC  
TCTCTTCAATAGTAATTCCTCAAATTATTTAAATAATTTATGAAACAGTAAAGGCTTAAA  
ATATGAATTACATAGCCTTAAAGTTCTAGATCCTTCATGGATTTTATTTTGGTTTATT  
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&gt;SEQUENCE:4022:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGTTATTAAAAAT  
AAAAACTCGCATTTTAGGATTAGGGAAGTCTGGAAAAAATTTTTTAAACTTGGAGATC  
ACATATTGAATAGCTGTCAAATTCAAACTGACTAGTTTTGAAGAACTTCAAAAACGTGT  
TCAAATGAATAAAGAACA AAAATGATCAAAAGAAACCCATAGCTGCCTAAGAGTCTTAAA  
AATTATTAATGTGACACTCTCATCTCTCATCAAGTGTATCCAAACCACTTCTCATTTGCT  
CTTCCATTTAAAGACTCACAGTAGCTTCACTACACATATATTTATACTGAAGATGTACC  
TGCCCGGGCGGCCGCTCTAGAACTAGTGGATGCCCGGGCTGCAGGAATTCGATATCAAG  
CTTATCGATACCGTGGACCTTAAAGGGGGGC

&gt;SEQUENCE:4023:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCCTGCTC  
TGCAAATCCTAGCCATTTAGCCTTCTTGAACCCCAATCTGCCTCCTAAATTGAGCAAG  
ATCGCCAGGCAGAAAGTTCATCCTAGCGCTCATCCCTTTCAGTCTACTAAGGAAATGCT  
TTTATTATCACTCTATAGTATATCGTATTAGTCACCAGTACAACAAATTTAGATTTTCAG  
AAGTGTACAACATTTATTTCAACTAAATATTAAGGGCTCTACT

&gt;SEQUENCE:4024:prostate\_MPM2000-004P1Novel007-2-Table1

GTAATACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGG  
GGGGCATCACGGACCTACCAATATGTGATGTCACCCCTGGTGGCCCAGCTGTGTCATGGA  
GAAACTCCAGCTGGGCCCAGAGATTCTGCATCGGGAAATCCAAGGCTTATTTATGCCAG  
GCTGAGTGGATTTGGCCAGTCAGGAAGGTTCTGCCGGTTAGCTGGCCACGATATCAACTA  
TTTGGCTTTGTCAGGTGTTCTTTCAAAAATT

&gt;SEQUENCE:4025:prostate\_MPM2000-004P1Novel007-2-Table1

GTAATACTGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGAGGTACA  
GTACAGAAAGCTACTATTTATGTAAAAAGCTAAATATAAAAAAGGTATACTCACACA  
TAGAGTTTGGTCACAGTGGCTATCCCTGGAGAGTGAAAATGGTAGGAGGGAGACAAACAT  
TTCACTACATATTTGTTTAAACCTTTTGAATGTTGTGATATTTGCATATATTATCTGTTT  
AAATATACAGATACACACACACACACACACACACACACACACACACACAAAGAT  
TAAGATTTAGTTTTAGGTTGGCCTTACGAGGCAGACAAGCTAATTCGCAATATCCCCC  
CGTTTACTGCATGGGCTTGGAAACACAGGGAAACAGACGACAGCTAAATTATCCCCCAG  
CAACATTGACCACTGGTCAGGTGCTGTGCTGAGCCC

&gt;SEQUENCE:4026:prostate\_MPM2000-004P1Novel007-2-Table1

GCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGAGGTACA  
GTAGTATTTAACCTGGATGTGAGGACGAAGGAGGAAATTTCTGGTGAATACAGAAGAGC  
AAAGAGCAGCAGGTCAGCAGGAATGACTAATGTTTTCTATGCACGTTTAAATGGAAAATT  
CATGTAGATANNTTTGAGTAGGTAACCTTGGATAACTCAGCTATTTATAAGCTCGCATTC  
CTACTTAGTTTGACTTCTCACTTAATAAGACTTGTCAAGAGATCCTAAGAATTCTGAAAG  
TTGATGATAAAATGTCCATGGTGTATCACCATCCAATGATCAAGAAGTTAAGCATCCACA  
ACTATAGAATGGGGACAGAATGAACTTAATGGATTAAAGATGAATATCTGGAGTTGTTCT  
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&gt;SEQUENCE:4027:prostate\_MPM2000-004P1Novel007-2-Table1

CGCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGAGGTAC  
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TCTTTTTTTTAAACCATATAAAAGATATAATGACTAAGTCCATTATGATACATCCTTAACA  
TGGAATACTCTGTAGNTTATTTAANAATGTTATNAGAAGGTCATTTAATTGTTATGGAAA  
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&gt;SEQUENCE:4028:prostate\_MPM2000-004P1Novel007-2-Table1



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GAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACAAAGAAGAGCATCCGTTGAGAA  
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GATGCCTTGTTTTCTTTGTCAACAATGTCATTCCACCCACCAGTGCCACAATGGGTCAG  
CTGTACGCGGGGGGGCAAAAAAATCAAGGTATTTGGTCCCGGAACAAAGCTTATTATTAC  
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>SEQUENCE:4029:prostate\_MPM2000-004P1Novel007-2-Table1  
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TTTTTTTGCTTTGTTAAGATGAGGCAGGCCTTCTTGCTGACATTTTAAAAAGCAACTATT  
TTTCTTTCATACACTATGAGGCATTGGCTCCAAGTGTGAGCATTGAACTGTCAGCAGTT  
CCCTACCAGGAACTGGTTCCAAGGTCTAGGGTTTCTTAGGTAGAGGCTGGCACTGTGA  
AAATAATGGGGCTCTTTATCCATGTCACCTGGAATGGAGTTAATACCCTGCCAGTCTTAG  
TTGATTTGACATACTAACAGGATGGGTCTGAACGTTTTCTATAGTTTACTCATGAGTGAC  
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>SEQUENCE:4030:prostate\_MPM2000-004P1Novel007-2-Table1  
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TTCCAGGTGAGAAGTTGCACAGTGTCCAATAGGTGCATACATATCCTTAGTAAGTAGTTG  
CATTACAATGAAATAGAAATGAAAAATATATTTTTTTATTTATGTGTATTATATTTTTT  
AAGCAGCTAATAAGTTGGTAGGACATAATTTAATTCGTTGGGGACCTAATTATTGATA  
AATCGAATGGTTAGATATTACTTTTGGCCTAAGCCACCATGAAAAAATCACTGACGCGCT  
AAGGGAAACATGAGCTAAGAAGCCCTTCTGAGTCTCTGTTTTGTCAACTGTAAGAGGAAG  
AAACCTGCTCCACCTTACTCTTGCGATTGCTGAACGGTAGCTGAGATACTGTGCAAAATG  
GACCTTATTGGTGGCCTACCCAACATCCATTCTCTACTTCCTCTACTCTGATGGCACC  
>SEQUENCE:4031:prostate\_MPM2000-004P1Novel007-2-Table1  
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GTGATATTATCTGAATTCTGTTTTAAAAGGTTTATTATGGCTCCTGTGTGGAGGCAGGGT  
AGCTACTTAGAAACCAAGCCATCTCAGCCTCCCGATTTGTAGAGATGTGGTCTCACTATG  
TTGCCAGACTGGTCTTGAACCTCCTGGCCTCATGTGATCCTCCACCTTGGCCTCCCAAA  
ATACTAAAATGATAGATATGAGCCGCCACACCTGGCCATAAGCTTCAGCCTTGAGCAGAT  
ACTTTCTAAACACTTTATATAGGGAAAAAAACTAATTCTTGCGTAGCCAAAGTGTTTCAT  
TTTGCC  
>SEQUENCE:4032:prostate\_MPM2000-004P1Novel007-2-Table1  
TAATACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGGACTTTT  
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TGTGTTTATTTTTTATATTTTTTTTTATTTTTATTTTTTGCAGCCACAGGAGTTTTAGC  
CATTTTCAGATGCCTTGCTCCCCACAATTTGGAAGATTCCTTTGGATTTGACCAAGTCAGG  
AAGAGATGGGAGAAAAGTGAAACAACCACCATAAAACCCCAACCTTAACCAACCGAAAG  
AGTTTAGCCAAACAAACAAATGCCCAATTCATTTGATTACTGGGTGTTCTTATGCTTAGG  
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ACAAAACTTTTATT  
>SEQUENCE:4033:prostate\_MPM2000-004P1Novel007-2-Table1  
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GTGAAGCACTAAGTTACTTCTCACTCTAACATCAGAAAGTCATCGAGAAGCCTGGACTA  
ACTTACTGCTTTTGTCTTCTAACTAAAGTTCTAAAGATAAGTGATAATAGGGTAAGTATGA  
GGCTTCGAATCCAGCCCCACATTTCTAGCCCAATTCGCATTGGGATGCGGGGTCCCAGAG  
CCGCCGTGCAAGAGCTCTTAGAGATGAATCAAGCAGTGCCAGGCTGCACTGCTGCTTGT  
GCAAAGCCACCAGTGGCCTTTGCTGTATCTTCTCAGTCCTTGCTTTTCTCCCCCTTAC  
CCAGCTTT

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&gt;SEQUENCE:4034:prostate\_MPM2000-004P1Novel007-2-Table1

TTTGGCGAGCGCCGTATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGC  
CGAGGTACCTGTTTGTGTTTACAACCTCAGGCATGACATTCTTTCTGGAAAATTGAAATGCC  
CTTATGAAACAGCTGTGGAATTAGCTGCTCTGTCTACAAGCGGAGCTTGGGGAGTGCG  
AGCTTCCAGAACACACACCAGAGCTTGTGTCTGAGTTTCGGTTCATTCCAAATCAGACAG  
AAGCAATGGAATTTGATATCTTCCAGAGATGGAAAGAGTGCAGGGGAAAGAGCCCTGCCC  
AGGCGGAACTCTCCTATCTGAATAAAGCGAAGTGGCTGGAAATGTATGGGGTAGACATGC  
ACGTTGTGAGGGGAAAGAGATGGCTGTGAATATTCTTGGACTGACCCCGACAGGCATAT  
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&gt;SEQUENCE:4035:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTACAGG  
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CTTCCAGAAACACTTTTAATTCCTTAAAAAGTATTCTAGTTCTGAAAATCCTAAAAAGCT  
TTGCTACATATTCTACTCACACAATTAAGCTCCATCAAAGTATGCAAGTTGTGTTTTAC  
TTATGCTTGAAAGTTGATGCTGCGAAGTGAAAATACTTCATGTTGACAGTTAACACTCTG  
ACCTGATTCAAGGCCAATTCTCAGTCCAGCTTTTCAGGAAAAAGCACTATGTGGTGAGGA  
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C

&gt;SEQUENCE:4036:prostate\_MPM2000-004P1Novel007-2-Table1

TACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGAGGTACTT  
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ATGACGCCTATTGGGTTCCAATAGCCTCATGTTCAAATCTGACTCGTTAGCAAATCCACC  
CAACTCAACATCGGTCATCTTGACATTGCAGGATATTCAGCAAGTCTGAAGTTTTTAATC  
GGGAAGGATTTTCTACCGTTACTGAACAAATAAAGGTTCTTTGTAGCAATGGCTGGAAAT  
GCAACCCCGCGTACAGGACCAGCTCGGGGGGGTGTGGCACCGAATGGAAATCCATGAGCA  
GCACGTAGGCAAACAGCAGGAGGAAGGCGATGTAAAGACCACATTCCAGGAGAAGACCA  
CGAAGGGG

&gt;SEQUENCE:4037:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTCTGGTTCC  
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CTTGCCCTGTGGCACCAGATGCCTTACAGTGGCCAGGAATGCTGCGGGACAGTCTACTTTG  
ATTGCTTTCTTTCCTCCATGGCTGAGATCTGAGTGTAGTGTAACTGGGCTTAAAAATCA  
AGTCCGTTGTATCTGCATGGTCACGTAGTTCGGCACCTCATGGCTTTTGCACCTAGAGGT  
GTGAACCATAATACCTGAAACACAATTTACATAACCTGGCTCCTTGGGCTTAGCCTATATG  
GTGGAGGTTAGGGTCTGTATATCATCAAGACTGTGTCTTTGCATGGGTTGTTCAATTCTGT  
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&gt;SEQUENCE:4038:prostate\_MPM2000-004P1Novel007-2-Table1

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CCTTGCCCTGGATTGAGACGTGGTTCCTGGATTTCAAAGTGTTACCTCAAGAAGCAGAAGA  
AGAAAACAGACTCCTGATAGTTCAGGATGCTTCAGAGAGGGCAGCACTTATACCTGGTGG  
TCTTTCTGATGGTCAGTTTTATTCCCCTCCTGAATCCGAAGCAGGTAAAAAAGTTGATTA  
TTATTTGTGCTTGTATCTCTCATTCAAAGGCTCTGCTCTTCCTTCCCTTACCCCT  
CTGTTTCTCAATATACGTAGCTAACATCTAACAT

&gt;SEQUENCE:4039:prostate\_MPM2000-004P1Novel007-2-Table1

CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGGCGGCCGAGGTACGATTTACAGCT  
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TGGGATTACAGGCGCCCGCCACCAGACCCAGCTAATTTTTTTGTATTTTGTAGTTGAGACC  
AGGGTCTCATCATGTTCTCCAGGCTGGTCTTGAACCTCCTGACCTCAGGTGATCCACCTGC  
CTCAGCCTCCCAAAGTCCCAACGTGCTGGGATTACAGGTGTGAGCCACTGCGCCAGCCC  
ACCTATCTTATTTTTTAAAGTGAACAATTTTAATTCTTTCATCACATTTCCATCATACTC  
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&gt;SEQUENCE:4040:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTT

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TTTTTTTTTTTTTTGGGAGACGGGCTCACTCTGTCAGCCACGCTGGAGTGCAGTGACAT  
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TCCAGGCTGGTCTCAAACCTCCTGAGCTCAAGCAATGTGCCCGCCTTGGCTTCCCAAAGTG  
CTGGGATTATAAGGCGTAAACCACTGCACGCAGNCCTACCCTCTGCCTTTTTAAGATGAT  
GTTATTTATTTAATTTTTGCCATCATTGGGTGCTTCACCTTTCCTGTGAAGGGAAATT  
>SEQUENCE:4041:prostate\_MPM2000-004P1Novel007-2-Table1  
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ATTACAGGCGCGTGCCACTGCGTCCGGCTAATTTTTGTATTTTAGTAGAGATGGGGTTT  
CACCATGTTGGCCAGGCTGATCTCAAACCTCCTGACCTCATGTGGTCCACCCACCTTGGCC  
TCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCACGCTCAGCCTACAAGCAATTTTTTA  
AAAACCTGACACCTATTACTGATAAAATTTCTCTGTTTAAATTCCTATTTACTATTTTAA  
AGATAAGTATTTAGTTTTTTTTTAAATACAATTAATTCTGTTATTGATA  
>SEQUENCE:4042:prostate\_MPM2000-004P1Novel007-2-Table1  
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AAGCCTTATATACCATTTACCTGTATCCAAATTTCCAGCAGCCAACGATGGCGAAGAGCC  
TCATAGCAGATGTGGCAGTGGCCGCCACTTCCCATGACAAAGGGAGGTAGGCATGATTCA  
TCTCTAGTGCATGGGGACGGTTGCCTTTTGCCCCAAATCAACTCAAGACCCCTTTCCACC  
ATATGTCTGTATGTAANCTCTAAATGCATCTCTAAGACTTAAGAATAAAAAGCCACTGCT  
ACCTGGNCAAGTTGGATGAGGGCAAAGAGAAAGACATTACCCCAAAGGAACCTATAAGCA  
CTCTGCT  
>SEQUENCE:4043:prostate\_MPM2000-004P1Novel007-2-Table1  
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GACCCCAGTCCCAGTCTCCCTGGCACTCCGTCAGGGCTCGCTTCTGTTCCAGTTCATCT  
GTGAATTTACAAAACCATAACCCTTAGACACGCCTGTCTGGTCCAAAACCACCTTGCCT  
CCCCGACAGGAGGGGTAGACTTTGACGAAGAATTCATACAGCATGCCATCATCCACGTCC  
GGGGTCAGGTCCCCCACAAAGAGGGAATACTNCAGGGCTGTTATCTNGGTTGTTTCCCGG  
TAAGTGGCATAGTTTCAGTTTAAAAACGTTTCGGCCTTGGCCAAAACA  
>SEQUENCE:4044:prostate\_MPM2000-004P1Novel007-2-Table1  
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CTGCTCCAGTGCGGGACACAGAGTCTCTATCACAGGCTGCTCCGGTGCGGGACGCGGAGC  
CTCTATCACAGGCTGCTCTGGTGTGGGACACGGAGTCTCTATTACACAGCCTTCTTTTGT  
TTGGGGGGCTAGTTGTTGTTGCTGCTGCTGCTGTTTTTACAATCCTTTAAGAATGTAAA  
GACTATTATTAGCTGACAAGTCATTTAAAAAAGTACCTCGGCCGCTCTA  
GAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTA  
>SEQUENCE:4045:prostate\_MPM2000-004P1Novel007-2-Table1  
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A  
AAATGTCTCTCTATCCATCTCTCGAAGACTTGAAGGTAGACAAAGTAATTCAGGCTCAAA  
CTGCTTTTTTTTGCAAAACCCTGCCAATCCAGCAATTTTTGTCAGAAGCTTCTGCTCCTA  
TCCCTCACGATGGAAATCTCTATCCAGACTGTATCCAGAGCTCTCTCAATACATGGGGC  
TGAGTTTAAATGAAGAAGAAATACGTGCAAATGTGGCCGTGGTTTCTGGTGCGCCACTTC  
AGGGGTTTGGTAGCAAGGCCTTCAGTATAAACTATATGGTGGCTCCTGTAAGTGGTAAT  
GATGTTGGAATTCGT  
>SEQUENCE:4046:prostate\_MPM2000-004P1Novel007-2-Table1  
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AAGCAAAACCCACCATACAAGAAGAAAAAGAGAGGCATGCTTTACAAAACAGCTATT  
TCAAAGTCATGATTTTTAAAAAACTATTTTCAAGATGTGGAACGAAGGGGAAAAAAGTC  
TCATGTGGGTTGCGTCGGCACTGCAGCTTGCTCCTCATTAAAGGTTCTCTTTACCTCCC



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TCTGGGGCTAGTTTCCAGCAAGAAAATTTTTTTTAAA

>SEQUENCE:4047:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACAACTGTTTCATAG  
AGTTCAGTTTGACAATTAACATGTATATTAGTATGGTTGCCTGTGTTTGTGTTATGTTTC  
ACTGTGTTTCATCTTCCTGTGCCTGGGATCCCCCATGCCCTCCTTTCCTATCTCTCTCAA  
AACCAGCTGTTTTTCCCCATCTGCTGCATTTTGGTTATAGATATTTATTTGTAGGTTTGC  
TTTAAACAAAACCTCCTCTAAATCCTACTTGATAACCATCCATGCTCTTTACTCTCTCCT  
GTCCTGGGAGCTCTCTTCTAACTCCTGCCCTTCATTCTCGACGCCTGCCTGGCCTCCTT  
TTGGTTCCTTCTCTACAGCATTGCTTCCACCCACCAGCTGTAGTGCCCCTGTCCCTTAAG  
AGTAT

>SEQUENCE:4048:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCCGGGCAGGTACTCAGCAAAAA  
GCTGAGTTATTAGAAAATGGACACTAGCCTGTGCTTGTGGGCATAAATTCTCCATCTATG  
AGAAGGCATGAATTGAGGCACTATATTGATTACATTATGTTGTTTATTCTCATATAACTC  
TCTATTGGTGAAATGATTTCTAGCCCCATCTTTAAGATGGGAAATGGAATCCTAGAGAGA  
CTTCATTTTTCTCCTATATTTGTATTTAGCAATTGCTATTGCTGCCATAAGAAAATAACA  
CAGGGTGGCTTGAACAACAGAAATTTATTTTCTCACAGTTCTGGAGGCTGGAAGTCCAAG  
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C

>SEQUENCE:4049:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCCGGGCAGGTACCATCTATGG  
AAAAAGCAATGGAAAATGAAGTGTCAATCAAATAATGCACCCTTGGCTGACACAAATTAA  
TTGAAGCTAAACCTAGAACCCTTCTTTCTCACCAAGATGGCAACTTCTCCCAATTGTTCT  
AAATATAAAATCCCGGTTATCTGTCACTTTACCCACTCCCCCTCTCCCCAGTCCGATCTG  
TTGCCAAATCCTGTAGTTTCTACCTCCATAACGGAACCTCGCAATCATCTCCTTCCATTTC  
TCTCCATTCCAAATCTAGAAGAAAAAAGAAACCAAATACATTTAGTTTTCATCAGCAAGTT  
AGAACCCTTCTGTCAAAAATTTCAAGTGCTCATGCCCTGTAACCC

>SEQUENCE:4050:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCCGGGCAGGTACGCGGGGAGA  
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GCTGCTGCTTTTGGCGCTGGGAAGAGCGGCGAGAGGGTTCGGCATTTTTCGTCTGGATCC  
CCGCAGGGTGACTGCTGCCAGAGAGTCTCACCCGCATGGGGTGAAGCGTTCAGCCTTCCC  
ACACGACGATCTGGGATCTAGCAATTGGGAGGCAGCAGACTTGGGTAATGAAGAGAGAAA  
ACCAAAGTTCTTGAGACTTATGGGTGCAGGAAAGAAAGAACATACTGGTCGGCTTGTTAT  
AGGAAGATCACAGATCAACATCTTACTTCCGAACCGGTCAGAAAG

>SEQUENCE:4051:prostate\_MPM2000-004P1Novel007-2-Table1

ATACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACCTCATTTT  
GTCCCTTGACTTTAGTGTAGTGGTGGGGTCTTTTCCACCACCCCACTAAGCCTTGGCTAC  
CTCATTTTGTGGCCTTATTATTAAGATTGCTTGTTAGTGAAAAGGGAAGGGCCCAGAAT  
CTGACTGGCTGATTCTGGCTCCTACTCTCCCTCCTTCTTT

>SEQUENCE:4052:prostate\_MPM2000-004P1Novel007-2-Table1

GGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACCCTTCCCCTCCTACTCCACTTT  
GAGATATCCCACCTTTTTAGGTTAAACCAATATGTAGCCTCATGTATTGATTTATGACTT  
TGCCTGTAACCTCTGCCACGCTGCCTTTAAAACCCCTTACCTGTGTAAGCCATCTGGGAG  
TTCAGGTCTTAAGCATGACCTCCCTGATCCTCCTTGCTTGGTGCCCTGCAACAAATGCCC  
CACTTTCTCTCCCTGCAATCCCGATGTCAGTGTGTGGCTTTGCTGCTCTGGGTGGGCAGA  
CCCAAGTTCAGCAAGTAACCATTCTAAGGAGGGTGTTTACACCTTCTTCATGATCCCTTG  
TCACTGTTTCATCCTAAATCCTGATTCCAACCCAATTATCTGTTCCCTTCTCATCATCTTC  
CCTCTCT

>SEQUENCE:4053:prostate\_MPM2000-004P1Novel007-2-Table1

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACAGAATAATGC  
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ATTGTGGAACCTGGGATTATGGGAGAGTCTGGCTTCAATCAAGGGCTGAAATTCCATTTC  
CACTGACATCTCTTCTTCCCCATCCCCGATTCTGTCCTGCAACAGGGTAACAAGAAGG  
GGCCCTTAGGCCGTTGGGACTTTGATACCCAGGAAGAATACAGCGAGTATATGAACAACA

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AAGAAGCTTTGCCCAAGGCTGCATTCCAGTATGGTATCAAATGTCTGAAGGGCGGAAAA  
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GTGCAATCATTGAGAAGAGG

>SEQUENCE:4054:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTAATA  
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TGGTCAATAAATTTAAAAGATATACATCAAATAACAAGGCCAGAAAAGCTGTTTTAAGAA  
TTTCCTGACCTTAAGCAAACCTTTAAATACATTGACATGGCATAAAAAAATATGATCAAAT  
ATTCAGAAAGGTTTCTATTTTTTCAACCATTTGGCATTATATTATTAATTCGCTGTT  
TAAAATAATATTTTATACTTCTGTGCACTGATTATCATTGCTCTCCGAATTAAACTAAA  
CTACAATTACCTTGCTAGAATGTTCAGTAGCATATATTAATTGTTCT

>SEQUENCE:4055:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTAC  
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GTCCTTGAACCTTCTCCACGTCACCTTAGCATTTGTTATTCTCCAATAGCGACTGGCCC  
ACTGACAGGCCTTCTCAGGAAGTGCATCTTTTGACATTTCAATCCTGATTCCGTATGTGA  
AGAAATAGTGGGGTGGATGTACCCCTCCAAGCCGGACAACCCGGGCGAGGACGCACCAGC  
GGAGGACATGGCCAGATACTACTCAGCGCTGCGACACTACATCAACCTCATCACCAGGCA  
GAGATATGGAAAACGATCTAGCCCAGAGACACTGATTTCAAGACCTCTTGATGAGA

>SEQUENCE:4056:prostate\_MPM2000-004P1Novel007-2-Table1

CTTGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGAGGCACCTTCCTTCTGTCAATCG  
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TTGTTCTGGTAGCTGGGCTGCTTCCATCTTTTCCAAGCCCATGAAGAGAAGGTTCCAC  
TTTCACTGCTTAGTTAACCACCCAAACACAAGTGCAAAGGGAGATTGTGAATAAGCACAA  
TGAAGTGAAGATAGCAGAATATACCCCTGCCAGAAACATGCTGAAAATGGAATGGAACAA  
AGAGGCTGCACCAAATGCCCAAAGGGGGCAAACCAGTGCAATTACAGACACAGTAACCC  
AAAGGATCGAATGACAAGTCTAAAATGTGGTGAGA

>SEQUENCE:4057:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGGAAACA  
AAAGAGATAATAAACTAATAGTTATTTAATATGCTGTAACAACAAATTAGAAACATTGAG  
AATTAAAGTGTGTTTTCTTTGTAACAACTTATCAAGAGTAGTTTGAACAAGGGTTGCC  
TTCTTCTGGTATAATTTAGATACATATCAGAGCAAACATCTTTTCTGTGGCTTTGCAAGT  
TGTCATACTGTATTTTGTGGATCAGCTTCCAACATTTTATCTTTTATGCTTTCAGTAT  
TGTAATAACCTCTCAGTTTCTTTAGCATGCAGTTTTTTTTTTTTGTTAGCGTCTCTTCC  
TCTAGGACGTTGTCATTCTTTTCATCACTCCCACTTTCTTCATTGCTAAGTTGGCC

>SEQUENCE:4058:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTAGGAGAGGTCCTGTG  
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CCTCCTGTGGGTCACCTCTCTTCCCTGCTGCTTCTGAACCCAC

>SEQUENCE:4059:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTGATCGTGTAAGC  
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GCTTCTGAGCAGAGAGGCGACATGATCCGTCTCCTGATTTAAAAGCACGACCTGGCTGCC  
GAGTTGAGAAAAGACTATGGGAAGATTTGGGTAGAAGCATGGGAGCCAAGCTGTGGCAAC  
ATCCCGGTGGGAGATGATAGTGATCCTGACGGGGTTCATGGTGGTGGTGAGAGATGGTTA  
GAGCCTGGATACATGTTGAAGTCAGTCAGTAGGATTTTCTGACAGACTGGATGTGAGCT  
GTGAGAGAAGGCAGTGGTCAAGGTTGAGTTTGATTCTGATTGAAATATTAAGTAATTTTA  
AAAAACAC

>SEQUENCE:4060:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACACTTAGCAATGAG  
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AGCACAATAGGAGAGATGCTGAGGAACTTGCGGGAAGAGGTAACTGGAGCCCATAGTCC  
ATTTGCTCCCAGTGTGTGATAGCCGAGCCTTTCTTGGTCAGGAGTCTCAAAGGGTGTC  
CCTTTCACCGTATGAAGGAAGACATACGTAGCCAGGTTATGGATGACGTTGGTCAGGGTC  
CAGACAACAGGAATGCTGAAGAAGGGGATGCTTGAGTAGAACCATATGCAGCAAATCCTA  
CCAAGATGATGTAGGCCAGCCAGATGCCTCGGCTATTCATCACTCGGGTGTTGGGGTTTT

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ACTT

&gt;SEQUENCE:4061:prostate\_MPM2000-004P1Novel007-2-Table1

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTGAATTTCTGTCA  
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TTATTTTTTTCTCCATGTTGTATATCATTACCATTTACATACGCGTTTCTATTTTTCTT  
CCTCTTCCTCCGGATCTCCTTAAAAATGAATCTAGAGTTGGTGGCTTTTTCCCCCTCCTC  
TTTGGCCAGTTCACAGTTCAGTTCTTCCTGAAAACAGGGATGATGAACTTGTAGGATCA  
GGACAAATGTGTGTTTTTCAAAAACCTTAAGGCTGGGTGTGAAACACCTTCTGTGGACAAG  
GATTTGTAACTTCTCTCCTCCCTCCAGCTGCGGCCCCAGCCTAACTGATAGTTACTTGA  
T

&gt;SEQUENCE:4062:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCCGAGGTACGATCTTGGCTCAC  
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ATTACAGGCGCGTGCCACTGCGTCCGGCTAATTTTTGTATTTTAGTAGAGATGGGGCTT  
CACCATGTTGGCCCGGCTGATCTCAAACCTCCTGACCTCATGTGGTCCACCCACCTTGGCC  
TCCCAAAGTGCTGGGATTACAGGCGTGGAGCCACCACGCTCAGCCTACAAGCAATTTTTT  
AAAACTGACACCTATTACTGATAAAATTCTCTTGTTTAAAAATCCTATTTACTATTTTT  
AAAGATAAGTATTAGGTTTTTTTTAAATACAATAANTTCTGGTTATTGGATAAAATTTTAA  
GGGCATTTTCATTTGCCTTTTG

&gt;SEQUENCE:4063:prostate\_MPM2000-004P1Novel007-2-Table1

CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACCCA  
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TTGCTGTTTCCGAAATAATGATCACCCAGAAATCACGTATCGGCTGCGAAATGATAGCAA  
CTTTGCGCTTCAGACCATGGAACCAGCATTGCCCATGCCCCCTGTGGAGGAGCTGGATGT  
CATGTTCAGTGAACTGGTGGTGGTGGTCCAGTTTTCTATCCTGGCATTGGTGGGGAGCCAG  
AGAAGGAGAAGAGGAGAGGATGTGAATGAGTTGGTTTGGTTTGACATGGACTTTTTCTTT  
TTAGTGAAATGGCCCC

&gt;SEQUENCE:4064:prostate\_MPM2000-004P1Novel007-2-Table1

TAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTTTTTTTTTTTT  
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ACTAAAATGGGATAGCTCCCTAAAAAGGGACTAGGAAAGAAGTCCCAATTGGAGGCTGAA  
AAAAATCAAAAAAGAAAAGGAATAGGGCATCCTTTTTAGGAGCGGTCACTGTAGAGCCTC  
CAAAACCCATTCCATTAACCTTGGGGGAAAAAAAACAACCTGTATGGTAAATCAGCAGCGCT  
TCCAAAACAAAAACTGGAGGCTTTACATTTATTAGCAAAGAAACAATTAGAAAAAGGACA  
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&gt;SEQUENCE:4065:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACATAGAATAT  
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CAAGCCCAACACAGTCTTAAGAATAAGCCGATATGAGAAGGAGATGAG

&gt;SEQUENCE:4066:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGGCGAATTGTAGCTCCACCGCGGTGGCGGCCCGAGGTACTGATACTTTTTATTCT  
TTTCAGGGACCGTTTATCTAAAAAATGTTAAGGCTTATGCTTTCAGATCTCAGTCCAATT  
TCTAGAAATTAACAATGAGTCCTTTTATAGCACTTACCTTTCTCTTCTGCCTTCCCCAC  
CTCCACCCCAAACTTGCTTTGGGTGTTCTTTAATCTTTCAAGGGAGTGATAAATGTCACA  
AACTCTTAATAAAGGGCTGAAATGGCAGCGTATGACTGTTTTGACTGTCTTTAAGTAG  
TATTAGTCTTCTAGAATACTAATCTAATTCTTAGAAACAGAAAACAGAGGAAGCTCAATG  
TTCGAAGGGGAAGTTAATAATAATTGATTCATCCTGGCTACCCAGGAAATGCACAGT

&gt;SEQUENCE:4067:prostate\_MPM2000-004P1Novel007-2-Table1

CCCGCGGTGGCGGCCGCCCGGTGTCAGGTACATCCCCTACATCAGTATCAGTACTTTATGA  
GGACAGTGACAGTAGCCCGAGTCACAAAAAAGGAGAGAGCAAACAGCAACGCAAAGCTCG  
GCACAGACCACATGGCCCTCTTTGCTACTATTGAAGATTCTTCAGAGGAAGAAGAATT  
GAGAGAGGAAGAAGAATTATTAAGGAGCAAGAAAAGCAGAGGGAAATAGAACAGCAACA  
AAGAAAGAGTTCTAGTAAAAAATCAAAGAAAGACAAAGATGAACTTCGAGCTCAGAGAAG  
AAGGGAAAGGCCAAAGACACCACCTAGTAATCTCTCTCCATTGAAGATGCATCTCCGAC



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AGAAGAGTTACGTCAGGCTGCAGAAATGGAGGAGCTCC

>SEQUENCE:4068:prostate\_MPM2000-004P1Novel007-2-Table1

CTTACCGCGGTGGCGGCCGCCCGGGCAGGTACGATCTTGGCTCACTGCAACCTCTCCTTC  
CTTTGTTCAAGTGATTCTCGTGCCTCAGCCTCTTGAGTAGCTGGGATTACAGGCGCGTGC  
CACTGCGTCCGGCTAATTTTTGTATTTTAGTAGAGATGGGGTTTCACCATGTTGGCCAG  
GCTGATCTCAAACCTCCTGACCTCATGTGGTCCACCCACCTTGGCCTCCCAAAGTGCTGGG  
ATTACAGGCGTGAGCCACCGCGCTCAGCCTACAAGCAATTTTTTAAAACTGACACCTAT  
TACTGATAAAATTCTCTGTTTAAATCCTATTTACTATTTTAAAGATAAGTATTAGGTTT  
TTTTTTAAATACAATAATTCTGTTATTGATAAAATTTAAGGCATTTT

>SEQUENCE:4069:prostate\_MPM2000-004P1Novel007-2-Table1

TAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTTTTTTTTTTTT  
TTTTTTTTTTTTTTTCATTCTTCTCCATTACTTAAATTAATGCTGCCACCATTGAGTATG  
GCATTGTATAATCATATTCTTCAGCGGTTAAAATAGAAAAAAATGCAGATAGAGATGT  
GTATAATTGGCATGCATAGAAATACAGAACCAGTTACATGACAAAAGTAAACAAAACCTCT  
AAACCTTCATATTTTAAAAACAAGATTTTCCATTTAACAAGAATTACATTCATTAAACTG  
GAGAGTATCTCCTATAGAGAAAACCTTTTAGAGTCAGATCCAAACATTACTATATTCATAC  
TTGGAAGCACTTTGACAACTCAAGGCTGAAAACCCCACTGCGGCTTGTGTGTCAGTCCAC  
TGTT

>SEQUENCE:4070:prostate\_MPM2000-004P1Novel007-2-Table1

CRACTCACTATAGGGCTAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTT  
TCTTCCTCATACTGACTATAGTCATCCACCTCCATTGAGACTCCAAGAGAGAAAGAGGA  
TCACTGCAGCACACCCCATTTTCATGAAGCCCTCTGTATAAGACCCCTATTTTCCTCA  
TCTCGTTTTAGCTGGATTTTAAATTTGTAGAACTACTGCCTGATCCTGAGTTAAATCCA  
TTATTAAGCTTTGCTACATAGAGATTGTTATCGTTGTCATGGTCTTTGCTTAACTTGATG  
CTTATTTTGAAGAGTTCAATCCATCATTCTTGGTCATTTGTTTTGCTGCTGCTATCA  
TGACGCCTACGAAGAGTCAATTTGGGAATCCCAGAGTTATTTTCTAGGATTAACCTGTGCA

>SEQUENCE:4071:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCCTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTT  
TTTTTTTTTTTTTTTTTGGATTTTTATTTTACAAATTTTAAATTAATAAGTTTATT  
TAAAAGTTTTATTTTAAATTTATAAAATAGTTAATTTTAAATAGTCTCAGCAAAAAAGAA  
GGTGGGCAGAAACCCTGCTCGTTCTACTTTATAAATAGTAGCTTATCAACCGGCAGCCAG  
TGAAACACTAAACCCAAAATTTGCCTCATTGTGTGTCATGGAGATTATGCTGCAAGGGAGAA  
ACCTGCCAAGCCCTTTCCAAGAGGTGCTGTGTGCCAGCCCAATCCCCAAACCCTGCCAAG  
CCACGGAGTGCTTTCTAGGCTGGTGACAGGCCCCAGTGCCAGCTAGATGCCCGTATGCTC  
GGGGATGG

>SEQUENCE:4072:prostate\_MPM2000-004P1Novel007-2-Table1

GACTCACTATAGGGCTAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTATCTTGGCT  
CACTGCAACCTCTCCCTTTTCGGGTTCAAGTGATTCTCGTGCCTCAGCCTCTTGAGTAGCT  
GGGATTACAGGCGCGTGCCACTGCGTCCGGCTAATTTTTGTATTTTAGTAGAGATGGGG  
TTTCACCATGTTGGCCAGGCTGATCTCAAACCTCCTGACCTCATGTGGTCCACCCACCTTG  
GCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCGCGCTCAGCCTACAAGCAATTTT  
TTAAAACTGACACCTATTACTGATAAAATTCTCTGTTTAAATCCTATTTACTATTTTA  
AAGATAAGTATTAGTTTTTTTTTAAATACAATAATTCTGTTATTGATAAAATTTAAGGCA  
TTTTCAT

>SEQUENCE:4073:prostate\_MPM2000-004P1Novel007-2-Table1

TCACTATCGGGCGAATTGTAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTTTTTT  
TTTTTTTTTTTTTTTTTGGCTTTTATCCTGTTTGTGTTCTCTGAGCTTCCTGAATCTGTG  
GTTTCGTGTCACATATTAATTTAGAAAAATCTCATTCAATTATTGCTTTGAATATTTCTTC  
TATTCCTTTCTCTCTTTCTCCTTCTGGGGTTCCACTATGCATACTTACATCTTTTAT  
AGTTGTCCCACTGTTCTTGGATATTCTGTTCTTTTTTATTCAGTCTTTTTCCCTTTGCT  
TTCATTTTTTGAAGTTTCTCTTGAAATATACTGAAGCTCCAGATTCTTTCCTCACCCACA  
TCCAGTCTGCTAATGAGGCTTCAACACCATGCTTCATTTTTGTTAGTTTCTTGACC

>SEQUENCE:4074:prostate\_MPM2000-004P1Novel007-2-Table1

CTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTCATTCCTTTT  
TGTGCTGAGTAATAGTCAGTTATAAGGATACACCACGTTTTTGTATGCAATTCATCAGTT  
GATGAACATTTGGGTTGTTTTCACTTTTTGGCTATTGTGACTAATGCTGCTGTAAGTATT

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&gt;SEQUENCE:4075:prostate\_MPM2000-004P1Novel007-2-Table1

CGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATTTTGCTTC  
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CCGATCGCAGAGGGTAATTTTCTGGAGTTTGTTCAGGGATAGCTGGGAGTATGGCCA  
CCCTGCTCCACGATGCGGTAATGAATCCAGCAGAAGGTAATGTTTCATGGTCCCAGGGAG  
GGGCAGTAGGGGATGTTCAAAGGGGCACAAAAAATGGTTGTGGGAGAGTGGAGAGGACTG  
AAGGTGGGCAGAGCGGCTCCTAATCTCCAGTCAGAGCAGACAGGAGAATTGAATTTTTTA  
CTACGTTATCAAAGGCCTCAAGAAAGGACGTGAACATAAGAGTTTTTGGTATTCCTGT

&gt;SEQUENCE:4076:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTTTTTTTTTTG  
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TTTTATTTTTGGCAGCCACAGGAGTTTTAGCCATTTTCAGATGCCTTGCTTCCCACAATTT  
GGAAGATTCCTTTGGATTTGACCAAGTCAGGAAGAGATGGGAGAAAAGTGAAACAACAAC  
ATTTAAACGCGGAGGGGGGACAAACAGAAAGAGTTAAGGGGAACAAAGGGGGGCACAGGT  
CATATGATTACTGACTGTTCTAATGCTTAGGAGAAATTAAGCAGCTGGTGGGTAATCT  
TATATTTTAATCATTAAAGGAAAAATTTAAGACAAAAC

&gt;SEQUENCE:4077:prostate\_MPM2000-004P1Novel007-2-Table1

GTAATACGACTACTATATGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCTGGGCAGG  
TACTTACTAAATATATGCTCTATTTTTCTTTTGAAAAAGCATGGTTTTTTGCTTTTGT  
TCTGTGGGGTTTTTTTTTTTTTTGGTGACCGACCAACCATTGAACCTAAATTATATGTGT  
AACAATTTCTTAAAGTGTAACGTTAGTTTGAAACACCTAACAACCTTTGCCAAGTTAAATT  
TCATACCAATTTTAGAATTGAATATGGGAAATTTTAAGCTACCACTTATTTTGGGAAAAT  
GCCTTTTGTTTTCTATTCCTGTGGCAGATTTTCTTCTGAGTGAATTTAAACTGAAAGAT  
TAGGACATCGGCAACCTTAAAGAGTAAGGTGATGATTTTTGTATGTA

&gt;SEQUENCE:4078:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGGCAGGTACTTCCCTCA  
CCTGGACATAATTCTCAATATCTGAAAAATTCAATAATGTTATCATAGCAAATTCAGAAA  
CAACTTCAGTATCTACTAATAAGGGAATGGTTAAATCAAACCACAAATAAGGAGGAGACT  
ACTGTTGTTACAGAAATAGTCTTCAAGAAACAATAGCATTTCCTAGAAGTTATAAAATTT  
TACTGGTTCCAGACTGATCCTAATATCAGGTATGATTATTTCTTTGGAGTAAGAAAAA  
AAATTTTTTAAGGCTGAAATTTTGCACAAAAGTCTTAGATTAAATATGGTATATGATTT  
GGGACACAAGGAAAAGCCTATAATTTAAATCTTGGCTTCTTATCACAAGTCCAAT

&gt;SEQUENCE:4079:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCCCAAGATAGGAT  
CAGGGCTATTTTAATGATCATGTGATTTATTA AAAACTTGAGATTTCCAACCTACTCTTTC  
ACACGTATGTGGAAGAAATGTATTC AAGAAGAGTTGCTATAATCAGTATTAATCTGTAA  
AATCACATTGATTTATCTTAGAAGGATAAAAAGAACAGAAACAAAACCTTACCAGCTCAT  
ATAATTTTTCTTTGCAAAAATTTTTGCTTCTTTACTATACTGAATTAGTTACATCAATT  
GTTGTATCAATGAAATAATTAGGTATTATTACCTGTAACCTATTTTGAAAATTAATAAAG  
AACCAAGAAGAATAGAGTAATATCCCTAGGCTAAACTAAACAAAATCTCAGCAACCCA  
GAACTTTCGGGAAACTGATGTT CAGGAA

&gt;SEQUENCE:4080:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCAGCTCTGGG  
CATCCCCAGGGTTTATGCTCACCGGTTAGTGCTGGTGTGACATGATGGCTGAGCACCGGC  
ACTGTGTCCAGCGCATTGCTAGGCACTAGACACGTGCTCTTTCAATTTATTCCTCAAATTG  
CTTTGTGCTGTAAATGCTACCCAGAAAGGCTCATGTTCACTACTCAAGTCACTTCACCAG  
AAAGTGACAGAGCCAGAATTCAAACCCAGGTCTGCCAGATTCCAGGTCCCTTGCTTCTTC  
TGTTGTTGCTCATTGCAAGGGAGTCTTCTTCAAGGTTATTCTCAGGAGTTTGATTAAGAT  
ACAGGCTCACAGCTGGGCATGGTGTCTCATGCTGTGGTCTCAGCACTTTGGGAGGCCAAG  
GTGGGTGGATCACTTGAGCTCAGAAGT

&gt;SEQUENCE:4081:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGGCGAATTGGAATTTCCCCCGCGGGGGCGGCCGCCCGGGCGGGGTACGCGGGGA  
G  
AAACAAGCAGCTGCTGCCTGGTGGTAACAGCAAAGGGTGGAAGTCAATAGGGTCTCTGTG  
AGACTGTTTCACAGAAGGATGCGTGTTTACCCAAGGCTGCGCATCAAAAAGAAATAGATA

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TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCCGGGCAGGTACAGCAGAACT  
G

CATGATCAGCTGTATGGTAGCCTTGAAAACCAACAGGCCACAATCACAGTGAAAACCTCA  
GGTTGGCAGCCACTGGAGGATACAAAATGAGTTTGGATCTCCTTCAATGCCCCATTCCCA  
GAGAACTGTCATTATTTGACCTGCTGGTAGTTCCTAAAGGACGTGCAAGGATGTTTTTA  
TTTGACTGGACACTTGAAGCTTGCCCTGTATGAACAGCCCCCATCTTCCCATG

>SEQUENCE:4089:prostate\_MPM2000-004P1Novel007-2-Table1

TAGGGCGAATAGGAGCTCCACCGCGGTGGCGGGCCCGGGCAGGTACTTTTTTTTTTTT  
TTTTTTTTTTTTTTCAATGACTCACTCTTGTACCCCAAGTTGGAGTGAAGTGGTGCCAT  
TATATAAGCTTACTGCAGCCTCAGACTCCTACACTCAAGCAGTTCTCCCACCTCGGCCT  
CCCAAACAGCTGGTATTACAGGCATAAGCCACTGTGCCCCAACCTACTAGCCATTTTTT  
AAATGCTGAAAAGCCCCATGTGACTAGGGGCTACACCATTGGACAGCTCAGATACAGAAC  
ATTTCTATTCTCAAGTTCTATTGGACAGAATTGCTTTAAGGAATTATCCTCATTAT  
AAAATGATAAGTATGCTAA

>SEQUENCE:4090:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATTGGATCTCCACCGCGGTGGCGGGCCCGGGCAGGTACATTTCTCTGGCTCCAG  
CCTTGGCTAAGTTGATGACCTGAGTCGATCTCCACATTCATCTACATGAACGTGGGGGCG  
TTGGTTTTGGCGGCCAGGCTGTAAATGTAGGGCTTGTCTCACTTTGCTATTTAATCAAC  
ATGTGGACATTTTAGCAGAGAAACCCCATAGCAAATAGGAATGAAAAGCTACCTGATTAA  
AATGATGAAATGATAGAGAATGTTTTTTGGCTGGGACATTTTAACCAAAGTTGCACAACT  
GAAGCTGATTGCCTTCCTT

>SEQUENCE:4091:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGCGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACAATTACATTATTATTG  
AATATAGTCACCCTATTGTGCTATCAAATAGTAGGTCTTATTAACCTCTCTATTTTTATAC  
CCATTAGCCATCCCCACCTTCCCAACACCCCCCTGCCGCTACCTTTCCAGCCTCTGAT  
AACCATCCTTATACTCTCTGTGTCCATGAGT

>SEQUENCE:4092:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACTTAGAAAAC  
CTAGATACTGCAGTCAGATTTTGAAACTGCCGTATAGTCACTGTTTTAAAAACCCCGGA  
GGGGCTGTATTAATTTGTATTGCCCCATGGCTGACAAAAGCCTTTTTTTTTTTGGTTTTGA  
TTTTTTTTTTTTTTGTAAGTGTGGGGGGGAAAAAGGCTTTTAAACCATTTTTGAAGAGGG  
TGAAGTTTGGAGAACAAATTTAAAAACCATCAGTCATGTGAGCAGATTTTTTAGAAGGGA  
TAGGAGACACACGCGCACACACACACACGAACTTGAAATGGCTTTGCTTTGGCTGTC  
GTCTTCTGCCGTGTGCCAGATGAGCTTGTGATCTGGGAAGCCGGGGCACCCCCGTTTTGT  
TTCTCTGGGCG

>SEQUENCE:4093:prostate\_MPM2000-004P1Novel007-2-Table1

GCTAATTGTAGCTCCACCGCGGTGGCGGGCCGAGGTACTTTTTTTTTTTTTTTTTTTTTT  
TGGTTGAGATTTGGTTTCACCATGTTGGCCAGGCTAGTGTCAAACCTCCTGGCCTCAAGTG  
ATCTGCCAGCCTTGGCCTCCCAAAGTGCTGGAATTACAGGCATGAGCCACTGCACCCGGC  
CTGCTTATTAATCAAGATTTTCAAAGTTAGATGTTTAATTAAGGATAATATGTCTATAC  
CACTCATCCAACAATTTTCACTGTGAAGACCACATTAGCCAGCTCCCAGAGGAGACACAT  
TCTGGTGAGGGGGTGGCTGGGTTTACCATATTGCTTCTACCATCCTCCAATCCCAGCCT  
TTCCCTCTACCTGGGGGATTCACTGGAACCATCCATTTGGATTCCCCACATTTTTTTGGGT  
TCTTA

>SEQUENCE:4094:prostate\_MPM2000-004P1Novel007-2-Table1

TAGCTCCACCGCGGCGGCGGGCCCGGGCAGGTACACGGGGAGGCATTGAGGCAGCCA  
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CGTAGGGGCTTCTGCTGAGGGGGCAAGCGGAGCTTGAGGAAACCGCAGATAAGATATTTT  
CTCTTTGAAAGATAGAGATTAATACTACTTAAAAA

>SEQUENCE:4095:prostate\_MPM2000-004P1Novel007-2-Table1

CTCCACCGCGGCGGCGGGCCGAGGTACTAGTCAGTATGCTGTAGTATTAATCAGTAGGTCA  
AGTTCAGTGAAGTAAAGGAGAATTGAATGCTTGAAGTTCACATTTAGGCAAAAATTTGGC  
GTTTTAGGAGGTGAGTATAAGACATGATCTTTATAGAAAACGCTGATGATAAAAACAGCG  
CTCTCTGTTAGGTGCCTTTATGCTTGACTCCATTGGCATCTTTTCTTAAGAACTAACT  
CACGACTGGGTGCAATGGCTCATGTCTGTAATCCCAGCACTTTGGGAGGCTGAGGCTATA  
GGATCAGTTGAGCTCGGGAGTTCAAGATCAGCCTGGGCAACATAGCTAGACCTCGTCTCT

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ACTAAAAACAAACAAACAAAAACAAAAAAACCCCCAAAAAAACCAACAAACCAGCT  
TGGCATGGTGGTGCCTGCCT  
>SEQUENCE:4096:prostate\_MPM2000-004P1Novel007-2-Table1  
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TCAACATTTTGCACCTTCCAGGGCCCTTCGGAATTGGAAGTGCCTGTAGCTAAGCTGTTT  
CCCCTGGAGAGTCCAGCTGTTCTCCTGATCCGGCCCTGCACACACACACCCAGCCACAAA  
TTACTAGGATGTCAAACCCAGGTGATCAGGATACTCTCACGGACTGCCCTGCTCCCCAG  
GGCTCTCCCTACAGTGTAATCCTAAAGCCAACTTCCTTTCAGCAGTGGCTGAAGCAAAC  
TCTGCAGTCAGAGGTCATACCCAGCAGGCTTCACCATGCAGACTTGAATGTTGATTGAG  
GGCCTAGCTGCTCAGCACAGGGCATTGGGAAGAC  
>SEQUENCE:4097:prostate\_MPM2000-004P1Novel007-2-Table1  
ATAGGGCAATTGAGCTTCCCGCGGTGGCGGCCGAGGTACGCGGGTAATCAGGCTTTTTAA  
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ACATCAGTGGGGCCAATGGTTCTCTGTCCCTGGTTCAACTGTGATTTGGCCTTCCCGTGT  
CTTTCCTGGTGATGCCTTGTTGGGGTTCTGTGGGTT  
>SEQUENCE:4098:prostate\_MPM2000-004P1Novel007-2-Table1  
GCCGCCCCGGGCAGGTTTCATGGGACTACATTCACGCCCCACCTTCCCAGCTCATTTTTG  
TATTTTATAGTAGAGACAGGGTTTCACCATGTTGGCCAGGATGATCTTGATCTCTTGACCT  
CATGATCCGCCCGTCTTGGCCTCCCAAAGTGCTGGGATCACAGGCGCGAGCCACCACACC  
TGGCCCTCTATTTATTCTCTTTAAAGAGAGAGAAAACTATGAGAGGCCAAAATTATTTAA  
TTAAATCTTTACCTTAGCACAAAGGGAAAAAAAATGGAATTTGCCTAATATAGGTGATGAA  
GCATACACAATGAATTGAAACAATCACATTTTAGTAAAAGGCCAAAATTTGAGACTTATA  
AGCTTTTTGGGAGCTTATTTTTGGGTGGGGGAAGAAATGAGAAAAAGAATTAACTTCT  
CTTACT  
>SEQUENCE:4099:prostate\_MPM2000-004P1Novel007-2-Table1  
CACTATAGGGCGAATTGGAGCTCCACCGCGGGGGCGGCCGCCCGGGCAGGTACGCGGGG  
G  
CGCGCGGCCCAATTCCCTTTTCCGGTCGGCGTGGACTTGCGAGTGGAGTGTCCGCTGTGC  
CCGGGCCTGCACCATGAGCGTCCCGGCCTTCATCGACATTATTGAAGAAAGATCAGGCCT  
GCTTGAGCTTCCGTGCTTAATCTGAAATCTAA  
>SEQUENCE:4100:prostate\_MPM2000-004P1Novel007-2-Table1  
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AGGCCACCTGTGTCCTGGTTGAGGGTCTCCAGGGTTCTTTGGGGCCCCGAGGAATTTAG  
ACCTGAACAATCAGGTGGACAATCTTGTGACTTTGGGTATTCTGAAATTACTCATCTT  
GACTCTACTGTGCCTGGATGTAGCTGTGTGTTTTGTGTGTATCCTGTTTATGGTTTGTAG  
AATTTCTTGAGTTTGCCGATGGTGGCAGAGTCTACATAGAACTATGCTTCGTGGTGTCT  
GGGGAAAACCTTTGACTTGTGGCTATACTATCCAATATGGCTGTATAGCTCATTGTGC  
TTTTGAATACCTTGGTGGTGTGTCATGTGTTCTGGAC  
>SEQUENCE:4102:prostate\_MPM2000-004P1Novel007-2-Table1  
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CAAGTAATCCTCCCACCTCAGCCTCCCAAGTGCTAGAATTACAGGTGTGAGCCACCACAC  
CTGGCCTATGGCATTCTTTAGGGTAGCATTTGCAGAAAATGTCATTTCTCTGAATGAAAT  
CCTATATGGAATCCTATCTCCCCATTCTCCACAAGGCCTCAGTCAAGCTTTACATAGCA  
GAATTTAGCCGTAATCTGGTCCCTACATTATTTCCACAGGAGCTCTGCTCTGGTCATGC  
TAGCTTCATTATAGGGCTAATACATGCC  
>SEQUENCE:4103:prostate\_MPM2000-004P1Novel007-2-Table1  
ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATGATAGG  
GAGGAGTGAGGCAGGTGGGCACTGGAGGGCTGTTTCCTCTGGCACAGTTGAACTAGAGGG  
TCACTTTCCACTCATAATTGGTTTCCTAGGTCTAAGTCACCACACCTGGGGCTGAAGCAA  
GTCTTGCTGTGCACCAAGCTGTGGCCTTGGACCCTGGAGAGATGCAAGGCTCAGTATCT  
CCAGTGTTGAAGTGGAAGGGACTCCCAAACCTGAAGGGAGATCTTTTCTCTTCCCCACCTT  
CCAGCCTCTTTTCCCTTTACAAAAT  
>SEQUENCE:4104:prostate\_MPM2000-004P1Novel007-2-Table1

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AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACAATCTTGGCTCA  
C

TGCAACCTCCGCCTCCCGGGTTCAAGCGATTCTCCTGCCTCGGCCTCCCGAGTAGCTGGG  
ATTACAGGTGCCCCGCCACCACAACCAGCTAATTTTTTGTGTTTTTAGTGAGATGGGGTT  
TCACTATGTTGGCCAGGCTGTTCTCAAACCTCCTGACCTTAGACGATCCACCCACCTCGGC  
CTCCCAAAGTGCTGGAGTTACAGGAGTGAGCCACCGTGCCCAGCCCCATATACTTTAAAT  
TATCTTTAGATTACTTATAATATCTAATACAATGTAAATGGTATGTTAACAGTTGTTATA  
CTATATTGTTTAGGGAATCATGACAATAAAAAAGTCTGTATGTGCTCAGTTCAGATGCTT  
AAAAAATATATATTTTCAATTCTCAGTTGGTTGAA

>SEQUENCE:4105:prostate\_MPM2000-004P1Novel007-2-Table1

TACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTGAGGTGTAAAGGG  
ATTTATATGGGGACGTAGGCCGATTTCGGGTGTTGTAGGTTTCTCTTTTTCAGGCTTAT  
ACTCATGAAATCTTGTCTGAAAGCTTT

>SEQUENCE:4106:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGTGCCGCCCGGGCAGGTACTCCCTACAA  
GTCCGGACAACCCGGAGCGAGGAACGCACCATTCGGAGGACATG

>SEQUENCE:4107:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACCACTAT  
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GGCTGTTCTCAAACCTCCTATCCTCAAGCCATCCTCCCATCTCAGCCACTCAACTTGCTGG  
AATTACCAGCGGAAGCCACTGTGCCAGCCCAGACTCCCTTTTACCTAGTATATCATGTC  
TAATTTCTAACAAAAAATTAAAAAACATTGTAAGAGGAAAAAAGAAACCCTAAAACAA  
ACAAGCAAACAAAAAACCCAAACAACAAAAAGTTTCAAGAAACAGAGCTAGCTGACAGA  
ACTATATTCAGATATGGCAGGTATATTAGAATTATCAGATTGGTAATTTTAAACAACAT  
GACTAATATGGTAAGAGTGATAATGGAAAAAATAGACA

>SEQUENCE:4108:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGCTCTTCCGGGGACGTT  
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TCTGCAGGCACTCAGAATGGTCCAGCGTTTGACATACCGACGTAGGCTTTCCTACAATAC  
AGCCTCTAACAAAACCTAGGCTGTCCCGAACCCCTGGTAAATAGAAATTGTTTTACCTTTT  
ATACCAAGAAGGTTGGGAAAGCACCAAAATCTGCATGTGGTGTGTGCCAGGCAGACTTC  
GAGGGGTTTCGTGCTGTAAGACCTAAAGTTCTTATGAGATTGTCCAAAACAAAGAAACATG  
TCAGCAGGGCCTATGGTGGTTCCATGTGTGCTAAATGTGTTTCGTGACAGGATCAAGCGT  
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>SEQUENCE:4109:prostate\_MPM2000-004P1Novel007-2-Table1

GACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTCCCTGTGAA  
AAGTTCAGGGGCCATATGGATTGGTGTCCCCACAATGCTGCCTGACATCATGGCCTCTGG  
CTTGCAAGATCCTAAGTCAGTGATCTTGGCACGGTTCTGCTTATCCAGCAGCACATTTTT  
TCAGTTTGATATCACGATGGACAAGTCCCTGGCTGTGCAGGAAGCGGATTCCCTCCACCA  
CATCTAGTGCTATCTGCAAACGTGTCTCCAGGGTCAGCCCAGCCTTCAGCCCTGTGTAGA  
GATCCCGGTGTAGCCGCTCCATAATGAGGAGCACAGCAATGCTGGAGCCACCACCATAGT  
TGTAAGTCAATGACTGAACCATGGGAGATCCACCAATCGCT

>SEQUENCE:4110:prostate\_MPM2000-004P1Novel007-2-Table1

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TTGCTACGACTACAGCTACAGGGAGAAGGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGT  
TGTCCTTTATCCCAGGAGAGAGTCAGGAACAATGAGCTCCTACATAAAGATCAAAAATGT  
GGTTTCTCATTTCTGCTTTCAAGTGTCTCTCCTATCAAAGACTCAAGCAACTTTTGCT  
GCAGCAACTGGACTATGGGCTGCACTAACCACCGTATCAAATCCAAGCAGAGCAGATCCT  
GTGACCTGGAGAAAGGAGCCGGCTGTCTTCCCTGCTGTAAACCTAGAGAAAAGCCCCGCG  
TACCTGCCCGGGCGGGCCGCGCATCTTGGGTCATCGAT

>SEQUENCE:4111:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTGGAGAAGGACAGCTGCT  
T

TTTTATATAGATTAAGAAATCTCAATCTTCAAAGTTTCTATTTACTGTAACAGTAGAT  
GGTTTCAAAGAAGCACTTGGCCGGGCACGGTGGCTCACACCTGTAATCCCAGCACTCTGG  
GAGGCTGAGGCAGGCGGATCATGAAGTTAGGAGTTAGAGACCAGCCTGGCCAACATGGTG



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AAACCCTCGCCTCTACTAAAAATACAAAAATTAGCCAAGTGTGGTGGTGCATGCCTGTAA  
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AGTGAGCCGAGATCATGCCACTG  
>SEQUENCE:4112:prostate\_MPM2000-004P1Novel007-2-Table1  
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ATTTTTAGTTCAATATATGCCATTATATAAAGCACCAAGAGTAATGCCTTTATAAATCAA  
GCCATTTTTATGACTCTGTTTCTAATCTTTGTAACCCTTTTACATTTGTTCCAATATAC  
ACACATCATAAATGTTACTTGCTCAACACTTCACCGATTTGGTCTCAACTTAAAAATATA  
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AATATTTGGAATTAACACTGTCATGAACAAAGAAAGA  
>SEQUENCE:4113:prostate\_MPM2000-004P1Novel007-2-Table1  
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GATCACTGAACGTCTAGTAGGACATGAGTAAAAGGGTAAGATCAGCTACTCAACAG  
>SEQUENCE:4114:prostate\_MPM2000-004P1Novel007-2-Table1  
ACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTGAACAAATCCCAT  
CAAGGACAGATTCTCAGTCTTGAAGAGGCAGCACAGTAAAGGGGAAAGATCATGAGTTTT  
GGGGCCAGGTTCCCTTGGATATTGTGGGGCCCCCACACTTCTGGATGATGTTGGAAAAAC  
TCTTTGAGACTTAGGCTTCACATTCTGTAAATGGAAATTACTTATTTTTT  
>SEQUENCE:4115:prostate\_MPM2000-004P1Novel007-2-Table1  
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AATCATAATTTTATATTATACAATTGAAACATGTATTCAATACTGTTTACTGAATATCTC  
AAGTATACTTATTTACTTAGAAACAAAGGAATCAACGGATATCTGTTATATAACGTTTAA  
ATTACTAAAAATACTTTATATAGCATTGCTCCATAAATGCTAGTGTAATGCTGACGAAA  
GTAAAAATGTCATTCCCTACATTTGCTAAATATATTGTGACACATTATAAGTGTTTTTTA  
AAACATATCACTAAGGGGGCAAAAGAAGTTTGCAAAAATAATTGTAAGTATTTTAATTATG  
GAAAAATTTAGAACACAGCATAGTATTCATGTGAAGGAAGGATTTTAAATGGAACCCAAA  
AAATATCAGCAGCAGGAAGTTTCTATTATACTTTAAG  
>SEQUENCE:4116:prostate\_MPM2000-004P1Novel007-2-Table1  
ACGACTACACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTAC  
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AAAAACCATATATATTCCCTAGTATTTTCTGGGATGTATTTTTTTTATTCTCAAT  
>SEQUENCE:4117:prostate\_MPM2000-004P1Novel007-2-Table1  
GGCGGCCGAGGTACTATGGTTAAATATAGTAAGTTAGGGACGAACTAATTTTCAAGTG  
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TTAAACACTGTAATAAGCAAGGAAGGCAGCCATGCAGATATTGGGCCGAGGGAGGACATT  
CAAGCAGAGGCCCAATGAGAGCCAAGACCGCAAGACCTTATTGTGCTATAGCAAGGGGAG  
AATACAATTGGAGGTAAGTGAAGGAGAAGACAGTTTTTAAAGATGAGGTCAGTGTGATAA  
AAGGGACC  
>SEQUENCE:4118:prostate\_MPM2000-004P1Novel007-2-Table1  
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CATGAGTTTAGTCCTTAAGAAGGAAAATTGAGCAAGTATTTAATTGGTTGGACATTGCAT  
AAAAGAGGTCCATATCCAGGCTAACTTTAGAAATTTTATTCTCAAACCTTAGTTGGCCTCT  
TTTTTTTCTGTCAGAGGACCATTCCTAGTGGCACTGGGGAAATCTTGGGACCCAGAAGAA  
TTTAACTGCGCTCACTGCAAAAATACAATGGCCTACATTGGATTTGTTGAGGAGAAAGGA  
GCCC  
>SEQUENCE:4119:prostate\_MPM2000-004P1Novel007-2-Table1  
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AAGGAAACAGAAACAGAGCTTCCAGCATGTGGGGGGCATTGGAAGAAAACGATGCCATA  
TAAGCCAAGATGAAATATACATCAAGGAGAAGGAAGGTGTCAATAGTTTTGAATGCTATG  
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&gt;SEQUENCE:4120:prostate\_MPM2000-004P1Novel007-2-Table1

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ATCCCAGCAATTTGGAAGGCTGAGGCGGGAGGATTGTTTGAGCCCAGGAGTTTCGAGACCA  
GCCTGGGCCNCATAGTGAGACTNNATNTNCNCCCNAATTACCCACNGCGGCTATGCTAG  
TCTATAGTCTCAGCTACTCATGAGGCTGAAGTGGGAGGACCACTTATGCCCAGGAAACCA  
AGGCTGCAGTGAGCCATGATCATACTGCACTGCACTTCAACCTGGGGGACAGAACAA  
GACAGACCCTGTCGCCCCACACCTTCCCTATACCCCCGGAACAAAAAAGTGCAAAAAA  
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&gt;SEQUENCE:4121:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCATCCGCGGTGGCGGGCCGAGGTACTTTTTTTTTTTTTT  
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ATAGCTCACTGCAGCCTTGACTTCCTTAAGCAATCCTCTTGCTCAGCCTCCTGT  
AGCACTGTAGGCACACACAATATGCCTGGCTAATTTTAACATTTTCTTTCACCTTTT  
GACCCTTATCTTCTATACCCGGCTAATTTTTTGTAAGACAGGGTCTTGCTATGTTGTCC  
AAGCTGGTCTTGAATTCCTCGCCTGAAGCAATCCTTCCACCGTAGCTTCTGAGTGTTAG  
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&gt;SEQUENCE:4122:prostate\_MPM2000-004P1Novel007-2-Table1

TACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACTCATGGAGG  
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TGGAGGCTGCTGAACCACGATTATGCTGCCATCAGTGAAGGAAGCTGAAATTGTGAAAGT  
GAAACACCATGGCTGGTCATGTGCCAAATGATGTTGTGTTCTGCAAAGTATCTCCAATCC  
TGGGTTGGATCCAGTAGGTGCACTTGGGCACCCAAACCGGAACAGGGATTCTTGTTCT  
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&gt;SEQUENCE:4123:prostate\_MPM2000-004P1Novel007-2-Table1

TACTACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGGCGGGCCGAGGTACTCAGCTG  
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GATCTTGGAGACCAGCAGCCACAGCTGCTGCTACTCCTGCAGGAGACTGTCAGGCTGTGG  
TGGGGGGCAGGGGTGTTGGAGGAGAAGTTGAAATCCGGGTGTTCTCTGCCCCCTCTGCTC  
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&gt;SEQUENCE:4124:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGTAGCTCCACCGCGGTGGCGGGCCCGGGCAGGTACGCGGG  
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ATGCGTGAAAGGTGCTGTGACCGCCCTCCGGGTGTTGGCTGGTGGCCTTCGGTGTTTCGG  
GTTTGGCAGTTCACTACCAAGGTGATCTGATGGAGTGCACCTTCGCACGATTCCAAAGAA  
GGGAGAAGACAGAGGAGAATGCCAGATGAAGACAGAAACAGAGATTGAAGTTATGTGGCC  
ATAATTCAAGGATTGCTGGCAACACCAGAAGCCAAGAGAAAGATGAGGAAGAATTCTCCC  
CTAGACCTTTCAGAAGGAGCGTGGCCCAGCCAACACCCTGACTTCAGACTTCTGGCCTCC  
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&gt;SEQUENCE:4125:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGTATTGGAGCTCCACCGCGGTGGCGGGCCCGGGCAGGTACTTTTTTTTTT  
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CGGGGGTCCAGGCTATGCAATTCTTCCATCATTTCTGGCTGGCAGAGCGTCTCCCGAGAC  
TA

&gt;SEQUENCE:4126:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACGCGGGATGTCTCT  
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TGGAGAAAGCCTTGAAGTCTATCATCGACGTCTACCACAAGTACGCGGGAGATCCAGAG  
GCTGAACAGCTCGACCTTCTCTGCACAGCAGGTCCAGCATCCTTTGAAGCATGAGTTCTT  
ACCAGCAGAAGCAGACCTTTACCCACACCTCAGCTTCAACAGCAGCAGGTGAAACAAC  
CCAGCCAGCCTCCACCTCAGGAAATATTTGTTCCACAACCAAGGAGCCATGCCACTCAA  
AGGTTCCACAACCTGGAAACACAAAGATTCCAGAGCCAGGCTGTACCTGCCCGGGCGGCC  
GCTCTAGAAGTGTGATCCCC

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&gt;SEQUENCE:4127:prostate\_MPM2000-004P1Novel007-2-Table1

ACTATAGGGCGATATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACAACCAAG  
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AATAAAGACATCAAAGAAACAGTTGGATGTATAGGTCTGAAGATCTATGGTCAAGACTAA  
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AGGGGTTGAAGATCAATCCCTGGGAATCTCCACAAATAAGAGGTGAGGGGGAGGACTCAT  
AATTCCCAAGGAGGCTTAAGAAACATTCCTTGACTGGCTGATGCCAAAGAAGCCCAAAGA  
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&gt;SEQUENCE:4128:prostate\_MPM2000-004P1Novel007-2-Table1

ATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTAC  
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TCATTCATTATGAGTCAGGAAAGGCCAATGAATGTGTATTGATAAAAAGGTTCTTGCCA  
GGTGCAGTGGCTCACGCCTGTAATCCCAGCACTTTGGGAGGCCGAGGCAGGTGGATCACC  
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&gt;SEQUENCE:4129:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTTTTTT  
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&gt;SEQUENCE:4130:prostate\_MPM2000-004P1Novel007-2-Table1

ATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACTTTTTTTTTTTTTTTTTT  
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GTGATCTGCCAACCATCCATAATTTTAAATAAGCATATTGACTTCTTCTTAACTAAAG  
GGTTAAATATAAATATTTTATTTTAAATAGTTCAGGTATCATGTAATCTCATATCTTAATG  
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&gt;SEQUENCE:4131:prostate\_MPM2000-004P1Novel007-2-Table1

TATTGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGGTGGCTCACGCCTATA  
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AGCCTGGTCAACATGGTGAAACCCTGTCTCTACTAAAAATACAAAAATTAGCCGTGCGTG  
GTGGCACATGCCTATAATTCCAGCTACTTAGGAGGCTGAGGCAGGAGAATCACTTGAACC  
TGGGAGGCAGAGGCTGCAGTGAACCGAGATCGCACCACTGCGCTCCAGCCTGAGTGACAG  
AGAGAACATCTCACACACACACACAAAAAATCCATTTCTTTCTTCTGTAAATATCACA  
TATATGCAAATCCACCCACCCATATTTCTGTATATGTTCTATTACCCCCCTCAAATATTA  
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&gt;SEQUENCE:4132:prostate\_MPM2000-004P1Novel007-2-Table1

CGGCCGAGGTACATCACATTTCTCAGCTTCAGTTTATTTATTGAGGTTTCGAGCAATAGAA  
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GGTAGCTGGATAAGTGCATTGTGGAAGGCTTCTTCATGTATTGTGACACACTCCTTTCA  
TGAAGAGGCATTGACTATACCATAAACCCCTAGAAATACGTTATTGGCAATGCTACTGTTT  
TAAAGGAGAGAAAGGCATCTTTTTGTTTTTGACCCATAATGGCATTGCCTATAACAGGTG  
AAAGGGAATAATGCTATTGTTACAGGAATCAACATTATCCATTTTTGAAGAGTTTCATTA  
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&gt;SEQUENCE:4133:prostate\_MPM2000-004P1Novel007-2-Table1

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AAGAGAACCATTACACTGACCGTGATTACCGGAAAGAAAGGGATTCTCATAGGCACAGAG  
AGGCCAGTCATAGAGATTCCCATTTGGAAGAGGCATGAACAGGAAGATAAACCAAGGGCGA  
GGGACCAAAGAGAAAGAAGTGACAGAGTATGGAAAAGGGAGAAAGATAGGGAGAAATATT  
CCCAAAGAGAACAAAGAAAGAGATAGACAACAAATGATCAGAACCGACCCAGTGAGAAAG  
GAGAGAAGGAAGAGAAAAGCAAAGCAAAGGAAGAGCATATGAAAGTAAGGAAGGAAGAT  
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&gt;SEQUENCE:4134:prostate\_MPM2000-004P1Novel007-2-Table1



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ATAGGGCGAATTGGAGCTTTCACCGCGGTGGCGGGCCCGGGCAGGTACAAAGGCCGC  
A  
GACAAGTTGTCAGCAACATTAGATAACTCAGGGAATATCATTCCCATAAATCTTAAGGCA  
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ACATCAACATAAAGACTATGATGTGCATTCAATATTTACACGAAGAACTAGGATAAATGA  
AAGATGAGAGAGAGAAAGAGAGAGAGCAACAGTATATAATGGCTCTGTGCTCCAACAAT  
GTGGGAACAACCTTATAAAGAATGTGTAAGGACAGGAAGAACATATGCAAAAATGTCAGT  
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>SEQUENCE:4135:prostate\_MPM2000-004P1Novel007-2-Table1  
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TGATATGTCATCCAGTTCATAATCAAGTTGCCTTTTTCTGGCTAAACATAATGATTATG  
TATTTTTCTCATTGGGCTACAGGCTGCTGGCCCTTTGTCCCTCCACTGTGGGAATCAG  
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GTGTTTACATTAGTATCACTACAAACATGAATCATATGTTGCGCTATGATGTCATAAGGT  
AGCAAGTTTTTTCAGCTCAATTATATTCTTATGGGACCACTGTCGTAGATGTAGTTCATCA  
CTGACCAAAATGTCGTTATGTGGTGAATGACTGCGGTAAAATTCAGGGCCCACGATGTTT  
TAGTGCAATTAGACAATTACAAGAGATAAAGCTATATCTTTTATTCCTTTCCTCATTATG  
GATAAAT  
>SEQUENCE:4137:prostate\_MPM2000-004P1Novel007-2-Table1  
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CACAGACACGATCATGATGCACTACAGCCTCAAACCTCTCAAACCTCCTGGGTTCAGTGAT  
CCCTCCACCTGAGCCTTCCCTAGTAGCTGGGACTACAGGAACAAGCCACTGCACCCAGCT  
AATCCCATTCAATTTTCCAATTAATCACTTACTGCTTTGAAGTGTCTCTCTGATACTGC  
TATTCTACCTTTTACATTTCTATTTTCCCAACTATTTAGTAAGCTTACCCTTAAGGATAA  
GTAAGGCCTGTAATTTTTTGCACATCCAGGCATTTTGTACCTTGGC  
>SEQUENCE:4138:prostate\_MPM2000-004P1Novel007-2-Table1  
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CTTTAGAGACTGCCTTGAAAATAT  
>SEQUENCE:4139:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:4140:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:4141:prostate\_MPM2000-004P1Novel007-2-Table1  
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TTAAAATTTAAAATACATTTGTGTTTTTATCCTGTTTTAAGTATATATAACGTGGAATG  
TATATATAGGATGTATACACAGACACACTCAGACACATATTTTAATTTAGATTTCTAGAA  
GGGAAATTTTAATTAATAAATAGGTGAACATTTTAAATGACCTAATACATATTTAGTCCAC  
ATTGAAACTTTGGCATTGTTGTCATTGCCATTAAAATTTTGATGGCATTAAAATTTGATGC  
CATTAAAATTTGATCAGTAGGTAGCATTTTTTTCTTAGCTACAATTGTTTTTTTAATT  
ATAAGTATTAATAAATTCATGAAG  
>SEQUENCE:4142:prostate\_MPM2000-004P1Novel007-2-Table1

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ACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTTTTT  
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GAGGCTACCTGAGGGGAAGGAAGCACAAAAGGGACCCGCTGCAGACTCATGGCAAAGGGA  
ATGCCATCGGTGCTGGGACCTGTGAGCACTACAGGAGGAAACGCCAGCCTGGTGGGACTG  
GCTCCATGCCACAGGCCATGGGCATGAGGGTTGGACACGAAGCCACAAAGCTACTTGGG  
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>SEQUENCE:4143:prostate\_MPM2000-004P1Novel007-2-Table1

CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACTTTT  
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CAGCACACTCATAACTTGGAAAATAGTTGAGATTTTATTTCAAAGTAATTATTATAAA  
AAAATCCTTAGTGGATGAAGTTTAAAAAAACCTCTACAATGTTTGCAAGAATTTGTGTGC  
TCCATCCATCCTACATAACATAGAAGTTGGATTACTCATCTTGATTCAATGTACCATTGG  
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GCCTAGGGATGGGAGGGCGATGAGGACTAGGATGATGGCG

>SEQUENCE:4144:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCTGGCCAGCGCTTGCCTTTTTGTGCTGG  
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CTCCTCGAACTGGCTCTGTATTGGTCGTGCAGTGAGGGGCTGGGGCCAATTGCAAAACAC  
TGAGCTAACCTGATACACAGAGTGCTGGGTGTGG

>SEQUENCE:4145:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACCACTTTGTATAATATT  
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TATTATACTAGAAAATGAACTTCCAGTATTGCTATTATTTTACTAATTTGCATAGTCACT  
GACCTGTGAAGAGTGAACAGTATGTAGAAGTGCCTTTGAGATAGGAAATTGTGAGAGTCC  
CTAACTTTTACATACATATTAGATTAATTTGAGCCTACATAAAAAGAAAACAAATTTGTG  
AGGATTTGAGGGGGGAAAATCAGGGGACTTCCTGTTTGCAGCTCTTATCATTGGGAGAAC  
AGTAAATTAGATCTAGACTAATATATTTGGTCTCTCTAATTTATGGCAATTTGTAACTT  
TGTCATTGAAGTGGAATGCTGAACAAA

>SEQUENCE:4146:prostate\_MPM2000-004P1Novel007-2-Table1

TATACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTT  
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ATTTTTTTTCCCATGATATGGATAATAAAGGCTGGATGTCTCTGACCTAGGGTGACTGC  
AGTCTCAATTTACATCTTATGTCCGGACGTCCCATTCAATGTTCGATTCAATCCAGACAA  
AAGCGTCCCAGTTTAGATGACAGATTATATGACTGCCCTTTTTTGTCTCAAGGTATGAT  
CCAAAGGGAAGCATCTTCTCTGCCATTGCTGTTTCCCACGCGGGCCAAGTCTCAGATG  
TTCAAGTGGAGTCACGGCTCGGTTATCCAATCTGGCTCCAAAGATGTCCTTTTTTGGCGAG  
ATCAATTCCAGAAACAACCTTTTACT

>SEQUENCE:4147:prostate\_MPM2000-004P1Novel007-2-Table1

GACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGCTGCA  
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TCTTTCCAATAGGGATGCTGAGAAGATATGAAGAATGCAGACATGACAATTTACAGTTA  
AAAAAAGGCTGTAAAAGCGTGGGTGAGCATAAGGTGCACAAAGGAGGTTATAATGGACTT  
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>SEQUENCE:4148:prostate\_MPM2000-004P1Novel007-2-Table1

GCCGAGGTACTTTTTTTTTTTTTTTTTTTTTTTGCTGAATTGAATCTGACTACCATT  
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ACTTCTTGATTTCAAGTGTACAAACAAAGATTAGATTAAAGGAACAAACAGCATGTTA  
CAAGAAGCATTCCAATTTTCCAGTAAGAACTGAGTCATGCAAGAGAGACCATAACAGGTTT  
CACAATTAATCTAATGCAAATTTTAAAAGAATATAGGACTCCCAGACATGAAGAACTTG  
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&gt;SEQUENCE:4149:prostate\_MPM2000-004P1Novel007-2-Table1

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CACAGGCACCTGCCACCACAGCCGGCTAATTTTTCTATTTTTGTAGAGATGGAGTTTCA  
CCATGTTGCCAGGGTGGCCTCGAACTCCTGACCTCAAGGGATCCGCCACCTCAGTTTC  
TCAAAGTGCTGGGATTACAAGTGTAAGCCACTGCTCCACATTTAACTCCAATGACGCTGA  
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&gt;SEQUENCE:4150:prostate\_MPM2000-004P1Novel007-2-Table1

ATACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCAAGGTCC  
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CCATGAGGGAAAGAGGCAGGAGGAAGAGATCAGGCAGGCCCTGGTAGGCCATGTTAGATG  
AGTGTAGTTTTTATTTTAAGTGCAGTGGAAAGCCAGATAAGGGTTTTTTTGTGTTTTGTTT  
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&gt;SEQUENCE:4151:prostate\_MPM2000-004P1Novel007-2-Table1

CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACAT  
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TTCTTCACAGATGTTTCTTCTTCTTCTGCCACTTTTTCTTCTTCTTCTTCAACTGAA  
TAGGGTAAGTGTAAGGCACAACAAATTAACACTGTATCAGATCTCATTCTTCCAAAAA  
CGTTTGAGTCCTAGTTTTTTTCTGCCATTCTCATCACTACCCAATGTTTGTTTTGTTTA  
TTTTATAATTGGGAAGGTTCTCCAAGGCCTACCACTAACTTTAACGAATGATATAGATAG  
AGCTCAGAGCAATCTTCTCACGATCATGAAGTCATGTATAAAAATCAGGATTAAACAAA  
GGTCATCTGATCTCCAATCATTATTGGGAAAAAAG

&gt;SEQUENCE:4152:prostate\_MPM2000-004P1Novel007-2-Table1

TACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGGG  
G  
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TTCACCGTGTTAGTCAGGATGGTCTCGATCTTCTGACATCGTGATCCACCCGCCTCGGCC  
TCCCAAAGTGCTAGGATTACAGGCGTGAGTCACTGCACTCAGTCAGGTTTTTCAGGTGCTG  
GCTCCATGGCTCTTCCTGAGCCGAAAATAAGGAACTCCATAGACCTTGTCCACTGGAAC  
TCGTTCCCATCTACCTCCACTCTATCCAGGGTGATGGATCTCTGCAGTAAGTGGAAGAG  
TTCTTCATGGCCCCCAAGGTTATATCCATCTAGAACTTCAGCACGTTATTTTCATCTGGAA  
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&gt;SEQUENCE:4153:prostate\_MPM2000-004P1Novel007-2-Table1

ATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTCT  
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ACTACCCAGAAAACGACTTCCAGCCCTATACCTGTGAGTATATACTGGGCCTCTGCAGGT  
CACTGAGCATGAGATTTACAGTGTATAATGTTTTCTAAAAAGTTACTTATTGTTATTTTT  
TTAATTGTAAAGAATGTTTATTGAAGTGAAGTTGGGAAACATAGGGAAGTCAAACAAATA  
AAATCAGTCACTCTTTTTTTAATTTTATTATTATTATTTTTTACCACACAGAAGTAG  
CCACCATTAGCATTTTGGGTCTTTTTTTCTTTACTGAATTGAGAGCATAATACTGTGG  
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&gt;SEQUENCE:4154:prostate\_MPM2000-004P1Novel007-2-Table1

TACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTT  
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TTGTGTGCTTTTGTCTGTAACACTACTCAATAAATAACACAAAAGATAAAAGGCTTTGAGA  
ACCTTAACTTTTTTTCTATTGGCTTGGGGTGTAATCCACTGCAACAACTATTACTACT  
TGAAAAGATATGCTAGAGTAAATAGAACAATACAGTTAAATTCACCTGAAGTCTTTAAAA  
TCTTTTTTTTTTCCGGGTATTTTTAACCCATGTGGCAAAAAGGCATTACCATACAATTT  
AGCTGTTGGTAACAAATTATCTCTTTTACATTGCTTTCCCAACTAATTCTGCATAGCACT  
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&gt;SEQUENCE:4155:prostate\_MPM2000-004P1Novel007-2-Table1

ATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTTTTTTTT  
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>SEQUENCE:4164:prostate\_MPM2000-004P1Novel007-2-Table1  
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GTCCAAAAGAGTCAATACATTCTAAAAAGGTTTAAATAGATTTTTGGATTCGTGATCACT  
T  
>SEQUENCE:4165:prostate\_MPM2000-004P1Novel007-2-Table1  
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AGGATTACAGGTGCCCCGCCACCACAACCAGCTGATTTTTTTGTATTTTAGTAGAGATGGG  
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AGCCTCCCAAAGTGCTGGAGTTACAGGAGTGAGCCACCGTGCCCAGCCCCATATACTTTA  
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CTTAAAAAATATATATT  
>SEQUENCE:4166:prostate\_MPM2000-004P1Novel007-2-Table1  
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CTTGCTATGTAAGTAGAACGTGGCTCAACTAGATATCTTTATATGTATGGGCATTACTCT  
TAGTGATATTTGTTTCCTGTCCTTTGTTGCTCATGCTGTTTAAGTGCAGGCCGAGACCCA  
GCCTCTTTGTAAGTACCAAAATGATGCAAGAATGATAAGTAAATGTGTAAATAATTTGCA  
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>SEQUENCE:4167:prostate\_MPM2000-004P1Novel007-2-Table1  
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TCAACTCACTGCAACCTCTGCCTCCTGGGCTTCAAGAGACCAGCCCACCTCCGCCTCCAA  
GTAGCCTGGGGACTACAGGCGATGCGCCACCAATGCCCGGCTACTTTCTTGAAATTT  
>SEQUENCE:4168:prostate\_MPM2000-004P1Novel007-2-Table1  
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CAGGCGTGAGCCACCGCGCCTGGCCGGGTGAGGCTCTTTCTAATCTGTTTAAAACCATAT  
CACCCAGAAGGTATTCAGTATATACTTATTTAAATGAATTGAAAGTCATATGAGCAGCAT  
GGACTTACTACTTTAAAAACCACATTATTAGAAACCTAACACCTTGGAAGCTCTGCATAT  
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CCCCTTCAGCCTTTCTCTCGGGCAGGGTGGCAGCGACAGTGGTGGGACATAGGCACTGGG  
CAGTGGAGCACGGGCTTTGGTCGGTCTAGGGGTCATCGCCTCTTCTTCTTCACTGCTC  
TGCTTTGTGCATTTCTATTCTTTTTTTGTAGCCAGAGAAGTAAATGCATATCTTTGCAACT  
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AATCATGGGTCCTTTTTAGATAGTGTTTCCCC  
>SEQUENCE:4170:prostate\_MPM2000-004P1Novel007-2-Table1  
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TACTATAAATACATTCATTCATATCTTTCCCTCATTCTTTTCAAGTAATTTAAAAATGTAT  
AGGTATCCAACCTTACATGTAAGCACTTTTGCAAACACTCACTGATTTACTATGAATAACA  
ATCCTACTATATGCACAATTATCATTTCCC  
>SEQUENCE:4171:prostate\_MPM2000-004P1Novel007-2-Table1  
ATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTTTCTTTT  
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GTAGTATTGGTAGGATCCTTCAGCACCTGCTTCTGTTATGGAAGCTCAATGGGAAAATT  
CCTCTCTCCCCAGCCCTTGGCAGACAGAGCTCATGATGGTAGAGTTTTGAATGAAGATGT

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GGTATGCTCTGGTAATGAGCATCCAACCTGCTGTGTGGAATGTTAGTGTCTTGGCGAGAAT  
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AAGCAGGTCCACCTATACCTCTAGTTTAGTTTAGAACTAATTCAGTATTTTAAGAATCA  
TATAATTTTAACTTTGCACTAAGCCTAACCTTTTTAAAAAATGGTCAGGGGCCAGGTGCA  
GTGCCTCAAGCCTGTAATCCCAGTGCTTTAGGAGGCTGAGGTGGGAGGACTGCTTGAGTC  
CAGGAGTTCGAGACTGCAGTGAGCTGTGATTACACCACTGCACTCCAGCCTGGGAGAGCA  
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TGGTCTTGTGGTGGTGAAAAACATGAAAATTGTTGGTCTCCACTGTTCTAGTGAAGATTT  
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GAATAAATAACTTAGTTCATACTTCCTCCCTCAAAGTTAAAGATATTCCCTTTGCAGCG  
AAAAATGGAGCTTTGAGGCTCCTTCGAGAAACGCTCCTTGGGGTTGTAGAAAGGAGGAAG  
AGGTTAGCATGATTTTAAAGCAACTGGCATCTCTGCAGCTAACCAAGTTGGAGACATTAG  
GGCTTCTTGTGGCCATTAACCTTTTGTTATCTCACATCTCCTTCAGAACTTACGCTGGAA  
AAACTCCAACAGCTTCATATGGACAGATGGACT  
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AAATCGGATATACTTTCTTTAAATAAACACAAATATATTACAGGTTGACCATCCCTAAT  
CTGAAAATTCAAACCCCTACGAAATTTGAACTTTTTGAGTGCCAACATGACACCTCAAA  
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>SEQUENCE:4176:prostate\_MPM2000-004P1Novel007-2-Table1  
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AACTTTATAAAGACAGTGTTGAGGCAGCCAGTGCAGCGGTTTGGGAGCCAGGAACAGCG  
TGTGGGCCGGAGTGTGGCTGCAGGACAGGAGGTCAAAAATAAGGGTTGAGGGTGGAATAG  
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AACTATTTAGGGTGATGGATCTCTGCAATA  
>SEQUENCE:4177:prostate\_MPM2000-004P1Novel007-2-Table1  
CGTAATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAG  
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TTACAAAGGTTGGCATGAAGAAGGTAGGCTTGTATGAGTGATGGTGGATGATAACAAATC  
TGGGGAAATGAAATGAACTACAGACAGGACACATGCGATGTGCTTCAGAGTATGCAGCTT  
TTCCAATCAAGGAAAGCTTCGTGCAGGAGGCCAAACAGAACCTGAACGCTGCAGTATGAC  
CTCAGGGACTCACATCACTTTCTGAAATATCTAACAAAAATCGCATTTCTGCTGTTGCAC  
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CTTTAACCAGCCTTCTT  
>SEQUENCE:4178:prostate\_MPM2000-004P1Novel007-2-Table1  
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TGGGGGTTTTTCATGTGTATAGGGTGCCTGCAGCTACACTAAACATCTTAAAGCTACCACA  
ATGTTCACTTCATATTTTTGCTTTTTATAGGCTTTCTTGGTCTCCTCCTATGTTCCCATC  
ATTTTCTTGCTTTGAATCTGTAAGAATCGAGTTGAATCTTCTCCATTTTAAATTTTCCAT  
AGGCTGAGAACTGTTTAGCCAAGTTTGGATAAAATTGTATCCAAAGTAAGAGTATACAA  
GCTATGGGCAAGTCCAAAATCAAGCTGTTACAGGACCATGTTCTCTCTAAAGGTTCTAG  
GAGAGAATCCCTCATTTCTTCCAGCTTCTGGGTGGCTGCTG  
>SEQUENCE:4179:prostate\_MPM2000-004P1Novel007-2-Table1  
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AACTCCTGGGGTTGATTTCTTCAGTGAAGTTGCACCCTACAAAGGGAATATGGCCAAAGC  
GGCACTCAACTGAAGGCTGATATCAGGCGATTAGACAGCCATGCATTCTGCGTTTGTCTG  
GAATGGATTGTAGAGAGATGGACTTATATGAGGACTACCAGTCCCCGTTTGATTTTGATG  
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GTTGTACCACTTTGTAGAGCTTAAATAATACAGGAAGGCCTGCCCCCGGTGGCTCATGC  
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CTACCATTGCTGGACTAACA  
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GGTGTCTGGGTCATGGGCATGGATGCCTCATAAACAGATTAATGTCCTCCCTGAAGGTGA  
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GAGTAGGTTGTTATAAAGCCAGACCATCTCTTAGGTTTCCCTCT  
>SEQUENCE:4182:prostate\_MPM2000-004P1Novel007-2-Table1  
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CAATAGGGAAAAAATTACAAGGACAATCGGATATTCTCTCAGATGACTGAACCTTTCTT  
TCCATCTACCTGAAGGCGACGAAAGGAGGAGGGAGGGAGG  
>SEQUENCE:4183:prostate\_MPM2000-004P1Novel007-2-Table1  
TCACTATATGGCGAATGGGAGCTCCACCGCGGTGGCGGCCGAGGTACACGCAGTCCTAAT  
CCGTTAAATATTTCTAGCTAACAATGCACGTGGGGCTCTTCAGCTCTGCATACAGTCATG  
TTCTTGCTAAAGTCCATGCAAGATATAAACCACCTTCTGCCCTGCTTTTTTTTGAAGGGGA  
GGGGAA  
>SEQUENCE:4184:prostate\_MPM2000-004P1Novel007-2-Table1  
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TTCAAATACTCAATAATTATCACATGTGGCTAGTGGCTATCATACCGGCACAGATCTCAA  
CATTATTTTAAGTCTTAAATAAACTGATGGAGAAAGATACCTCATATGAGAGAAACACTT  
AAAAGACAACACTACTGAAATGTAAATGAAATGGTAACGACAGGAGTAAGAATCTAAGATG  
GTAAGGAAAAGGACAGCAAACCATTTAATTGAAATCGTCACTGAGAAATGAAAGCTCTCC  
TCGGATAAGCAATAGGTTTCTGGAAAATCAAAGTTATTTTCCATTATAACTGGCCC  
>SEQUENCE:4185:prostate\_MPM2000-004P1Novel007-2-Table1  
GTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAG  
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CATCTTCATATACAAAGAAAAATGGATAAACTGCCTATAACAATATAGCATTAAAAATCC  
TATTGATGTTCAATATTCTGTGGCTATTAACACTGTGGGGTGTTTTTTAAAGTCAAAAAT  
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ATTTGATCAATAAAGATGAAAATAATAAAATTAAGCAGTCAAAAGAAGTAGCAAAAACAA  
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TGTATTTAA

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&gt;SEQUENCE:4186:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGGTAGCTTCCAAATCT  
AATGGAAATATTATCATGACATACTTTCTAGTTTCGTTTGAGATTCATGGGAAATGGATGT  
CGCATGGTATAGACAGTGAAACCCCTCCACAGTCCCGGG

&gt;SEQUENCE:4187:prostate\_MPM2000-004P1Novel007-2-Table1

CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGGG  
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CTCCAGCTGGGCCCATAGATTCTGCAGCGGGAATATCCAAGGCTTATTTATGCCTGTCTG  
AGTGGGATTTGGCCAGTCAAGATGCTTTTTTGCTCGGTTAGCTGGCCACCATATCAACAT  
TTTTGG

&gt;SEQUENCE:4188:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTAC  
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GAATGACAACTTTATAAAGACAGTGTTGAGGCAGTCCAGTGCAGCGGTTTGGGAGCCAGG  
AACAGCGTGTGGGCCGAGTGTTGGCTGCAGGACAGGAGGTCAAAAATAAGGGTTGAGGGT  
GGAATACGAAGACCCCGGTTTCGTCATCCTGGGAGCTTGAGATTTTATTCTACATTCTTTT  
TGTTCTTAAGGTG

&gt;SEQUENCE:4189:prostate\_MPM2000-004P1Novel007-2-Table1

GACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACTTTA  
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TGACTAACTTCAAGTCACAGACTTTTATGTGACAGATTGGAGCAGGGTTTGTATGCAT  
GTAGAGAACCCAACTAATTTATTAAACAGGATAGAAACAGGCTGTCTGGGTGAAATGGT  
TCTGAGAACCATCCAATTCACCTGTCAGATGCTGATAGACTAGCTCTTCAGATGTTTTTC  
TACCAGTTCAGAGATGGGTTAATGACTAGTTCCAATCCCGCGTACCCAGAAAATAAGATA  
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&gt;SEQUENCE:4190:prostate\_MPM2000-004P1Novel007-2-Table1

ATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTTTTTTTT  
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AACTGCAAATGTAGAAGTATGGTGTAAACAAGTAATTGGTATGACTAACACTAAAAATGTA  
TGGGAAATAAGGATACTATTGTAAAGAAAACAAGAAAAACCTGGGGTAGGGGAGCAGTAT  
TGATTCTCTCTTAGGATTCCTAAAATTTTTTGACCAAACCCTTTTACCATGGAACATTCT  
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&gt;SEQUENCE:4191:prostate\_MPM2000-004P1Novel007-2-Table1

CGACTGACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACAT  
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AAAGAAAACAATTTAAGTATGTATGG

&gt;SEQUENCE:4192:prostate\_MPM2000-004P1Novel007-2-Table1

CGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACACA  
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ACTATAGAATCAAATCACAACCTAAAGAGAATGCTTTATGATAGCTCAGACAGTGGTAGGA  
AATCAAAGGCAAATTCACATTTTTGATTACTCACCTAAAATATGCTGAAATTGAACATT  
TGTGACCCAAGTAACTAAAAATACATTGAAGAAAACCTATACTTAACTACATATTGAGTT  
CATTTCAATCGCAGTAGTCTATTTTAAAAACAACCTCCCATAGGAATACAGGAATGGAA  
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&gt;SEQUENCE:4193:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACACAGGCCG  
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AGGTCAGGAGATCGAGACCATCCTGGCCAACATGGTGAAACTCTGTCTCTACTAAAAAAT  
ACAGAAAATTAGCCCGTCATGGTGGCACGTTCTCTAGTCCCAGCTACTCGGGAGGCTGA  
GGCAGAAGAATTACTTCAACATGGGATGTGGAGGTTGCAGTGAGCCGAGATCGCGCCACT  
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&gt;SEQUENCE:4194:prostate\_MPM2000-004P1Novel007-2-Table1

CGACTCCTATAGGGCAATTGGAGCTCCCCGCGGTGGCGGCCGCCCCGGGCAGGTACAGTG  
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&gt;SEQUENCE:4195:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTAC  
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GTTTTGAGCTGCTACTAAAGATAATGAGCATAAGCGTTCACTGACCAAGACTCCAGCCAG  
AAAGTCTGCACATGTGACCCGGTCTGGGGGACCCCCAAAAGGCGAGGCTGTGCTTGGGAC  
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&gt;SEQUENCE:4196:prostate\_MPM2000-004P1Novel007-2-Table1

TACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACGCGGGA  
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TCACATTGCATGCAAGTTTGCTGAGCTGAAGGAAAAGATTGATCGCCGTTCTGGTAAAAA  
GCTGGAAGATGGCCCCCTAAATTCTTGAAGTCTGGTGATGCTGCCATTGTTGATATGGTTC  
CTGGCAAGCCCATGTGTGTTGAGAGGCTTCTCAGACTATCCACCTTTGGGTTGCTTTTG  
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&gt;SEQUENCE:4197:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCATGTTTTACTAT  
CCTCAGAAAATTCCCAATAAACCAGAGTTTGAGGACAGTAATCCTTCCCCTCTACCACCG  
GATATGGCTCCTGGGCAGAGTTATCAACCCCAATCAGAATCTGCTTCCTCTAGTTTCGATG  
GATAAGTATCATATACATCACATTTCTGAACCAACTAGACAAGAAAAGTGGACACCTTTG  
AAAAATGACTTGGAATAACCTTGAAGACTTTGAACTGGAAGTAGAACTCCTCATTACN  
CCTAATTAAATCAGAAAAAAGGGAAGCCNTGGGTTTTTACCAGTAACCCAAA

&gt;SEQUENCE:4198:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATCGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACATGGGACTA  
CAGGCACGCCCCACCATGCCAGCTCATTTTTGTATTTTTAGTAGAGACAGGGTTTTACCA  
TGTTGGCCAGGATGATCTTGATCTCTTGACCTCATGATCCGCCCTCTTGGCCTCCCAA  
GTGCTGGGATCACAGGCGTGAGCCACCACACCTGGCCCTCTATTTATTCTCTTTAAAGAG  
AGAGAAAAGTATGAGAGGCCAAAATTATTTAATTAAATCTTTACCTTAGCACAAGGGAAA  
AAATGGAATTTGCCTAATATAGGTGATGAAGCATAACAATGAACCAGAAACAATTCACA  
TTTTTAGTAAAAGGCAAAAATTTGAGTACTTATAAAGCTATATG

&gt;SEQUENCE:4199:prostate\_MPM2000-004P1Novel007-2-Table1

ATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTAC  
GCGGGGTCCCAGAGAGCTCGTAGGGGAGGACAGTCAAGGGACTCAAGCGTCTCTTTGAC  
TCCCCTTCTCTCGCTGTGCAGTGGCGGCGCCGAGGGGTGACGCTCAGGGCTAATCTCTA  
TGAGTCACCCTCGAAGCCCCGGGGTAATATTGGGTGGATCACAAGAACTAATCTTTGATG  
ATTTGGAAACCGGAAGGAAAGAAGCACTTTTGAGCTGACTTACCTCAATGACATGACCA  
GTGTCTGAGCCTACAACTGCGCTATCTTCCCTGGATTTTTCTTACCTTTTCCTTACTCA  
TGAGCCAGGTATGTGTTTTAGTTCCATAAAAAAGAGCCCTAGCCAGGCGTGTT

&gt;SEQUENCE:4200:prostate\_MPM2000-004P1Novel007-2-Table1

ACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGATACTAAGC  
CAGGGCAGAATGCTTGTGAAGTAGCAACTAAAGTGGCAGTGTTTCTTCTGAAATTCTCAG  
GCAGTCAGACTGTCTTAGGCAAATCTTGATAAAATAGCCCTTATCCAGGTTTTTATCTAA  
GGAATCCCAAGAAAAAGTGGGGAATGGAGAGACAGTCAAGGGTTATGTCAGAAAAGGATG  
AGTTATCGTGTTTCAACAT

&gt;SEQUENCE:4201:prostate\_MPM2000-004P1Novel007-2-Table1

GGCGAATTGTAGCTCCACCGCGGTGGCGGCCGAGGTACTTTATTTTTAAGGTTAAATTCC  
AGAAACACATATTTTTCTTTTCTTTTGGCCCCACCCCTGCTCAAGATGGGCTCTTGGTA  
TGTCACCCAGGCAAGATTCAAAGTCTGAGCTCAACCCATCCTTCTACTTTAGTCTTGAG  
TACCTCGAACTACATGAGTAAGCCACTACTCCTCACTGATTATCCTATTTCTCATTGCA  
TTCTTACTTCACCATAAAATTCCTATAAGGTTAGTCAACTGACAACAGTTTTCTGTAAGT



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CGCAATACTCTTGTCATTAAAATTGTTTCCTGGCC

&gt;SEQUENCE:4202:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTTTTTTTT  
TTTTCAGAGTATTTTCTTTCTTGTCAGATTAGCTAAATTGGATTGTTCTATGCTAAATT  
CACTTAATCACTACTCTATTATTTTGAATTTTGTAGTTCTGTTTTTTCACTTGGTTCT  
TTTTTAAAAAAACTTCTACTACCTTTCTGAGACTTCTACTTTTTTACTTTTTTCAAGA  
AGCTTTATAATTACTTGCTAAAGCATTTTTTACCATGACTGTTTTTAACTTCTTCAGATAA  
CCACAACATTTGGTTAATCTTGAGGTTGGCTTGGTTAACTGTCTTTTCTCATCCTGCTTA  
TGATTTTCCTTCTAATTGTGATTTTCCGGTTCTT

&gt;SEQUENCE:4203:prostate\_MPM2000-004P1Novel007-2-Table1

TAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTAAATTTTTTTTTT  
TTTTTTTTTTTTTTTTGAGACAGTGTTTCACTCTTGTTGCCCGGCTGGAGTGCAGTGGCT  
CAATGTTGGTTCACGGCAACCTCCGCCTCCTGGGTTCAAGCAGTTCTCCTGCCTCAGCCT  
CCCAAAGTACCTGGGATTAACAGGCATGCCGCCACCATGCCCCCACTAATTTTTACT

&gt;SEQUENCE:4204:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTCAACAA  
ATAATAGCTGACAAGTTTGATAGCCAGAAAACGGCAAAGCTGGGATGCAAACCCAAGCAG  
TCTGACTCCCAAGCCTCTTAACCATTTCTTAAGAGACCACCTACCTCCATTCTTCTTCGAA  
CACATGTTTTTCTGGTTGCCACCTGAATACGTGGAACCACCATCCACCCAGCTGGTTAA  
ACCAGAATCACTCAGAAATCTACCTCTCCTTCATATTATTCATAACTGCCAGTGTTAAAA  
TTCTAATTGGCTNGGGGCCAGGCACGNNNTGGCTCATGCCAGTNNNAATCCTAGAANNCTT  
TGGGAGGGCCGNNCGGCAGGTGGGATCAACGAGGGTCAAGGGAGGATTTCGAGACNNCAT  
C

CTGGCTAACCATGGTG

&gt;SEQUENCE:4205:prostate\_MPM2000-004P1Novel007-2-Table1

GACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCCGGGCAGGTACTTT  
TTTTTTTTTTAGAGAAAATCATTAGTCCCATTCTTCTTTTGAATGCTACTTTTCCTTCTC  
TAAAACTGACCATGAATTATATTCTCATTCAATTTCTTATTTCTTTGTCAGAAAAG  
CAGTTAGCATTTTTTAATTATTATTGCAAGTTTTTCAACATTCATTGTAAAAA  
AACCAAACAGGCATGAACTTTAAAAAAGAAAGTTATACAGACCTTT

&gt;SEQUENCE:4206:prostate\_MPM2000-004P1Novel007-2-Table1

CTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCGGCCGGGCAGGTACGTGC  
C

ACCATGCCTAGCTAATTGCTTTCTTATTTTTGATAGACACAGGGTGTCAGTGTGTTGCTC  
AAGCTAATTTCAAACCTGTTTATCTGAAGCAATGTCCCTGCCT

&gt;SEQUENCE:4207:prostate\_MPM2000-004P1Novel007-2-Table1

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTTTTTTTT  
TTTCTTTTCTTTTTTTTTTAACTTGTTTACATTTTTTTTAAAGATGGAGAGGCTAACAAA  
CTTTGCAACCTTTCCAGGTAAGGATTCATGAGACCTGAGCAGCCAGCCAGCCCCTGAAAT  
GGTTGGAACAAGAGAAAGAAGAAGAGCTTGACAGATACCCTGCCTGGGCTGGCAGCTAGC  
TGCACCACAAGTCTGGCCAGGTGACAACGGGCACATCTCCCTT

&gt;SEQUENCE:4208:prostate\_MPM2000-004P1Novel007-2-Table1

ATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCCGGGCAGGTAC  
TTTTTTTTTTTTTTTTTTTTTTTTTTTTTCTTTTTAAATAACAAATTTATTTTTCACAGTTCT  
GGAGGTTGCCCAAAAAGCTTTTATTATCTAAATTAGGGTTAATGCACTTTTAAATCATA  
ATGTTAACATTTTTTTTTTTTTAATAAAGACAGAATTTAGCCTTGTTGCCAGGCTTGACC  
TTGAATTCCTTGAGCTCAAAGTGATCCGCT

&gt;SEQUENCE:4209:prostate\_MPM2000-004P1Novel007-2-Table1

CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCCGGGCAGGTACTATG  
TCGATTCGACAGAACATTCAGAAGATTCTCGGCCTTGCCCCTTCACGAGCCGCCACCAAG  
CAGGCAGGTGGATTCTTGGCCACACCTCCTTCTGGGAAGTTCTCTTGAACCTCAAGAA  
CTCTTTATTTTCTATCATTCTTTCTAGACACACACATCAGATTGGCAACTGTTTTGTA  
GCAAGAGCCATAGGTAGCCTTACTACTTGGGCCTCTTTCTAGTTTTGAATTATTTCTAAG  
CCTTTTGGGTATGATTAGAGTGAAAATGGCAGCCCAGCAAACCTTGATAGTGCTNNTTGG  
TTCCTTAGATTGATTTTTAATCAAATTAAGTTGGATTGGATTAGTTTAAAG

&gt;SEQUENCE:4210:prostate\_MPM2000-004P1Novel007-2-Table1

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CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCATCCTCCAAAAG  
AAGTCAATTTTACTGTATAATAACTTTTAAAAACAAGTATACATTTTTTTTAAAGATGGA  
GAGGCTAACAACTTTGCAACCTTTCCAGGTAAGGATTGATGAGACCTGAGCAGCCAGCC  
AGCCCTGAAATGGTTGGAACAAGAGAAAGAAGAAGAGCTCGACAGATACCCTGCCTGGGC  
TGGCAGCTAGCTGCACCACAAGCTGGCCAGCTGACAGCGGGCACATCCCTTCATCACCCA  
GTGCCTTTCTTCCCTCTTGTGAAAATGGAGATATGCTGAGAAGGTTTCTTCAGCTCATCC  
AGAGAAAGCTTCTTCAGCTAACTAGGCTGTAGAAAGGGCCT

>SEQUENCE:4211:prostate\_MPM2000-004P1Novel007-2-Table1

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTAGGAAGGCA  
GACGGCTCGGGACTTGCCCAGCATCCTCAAGCTGGCACCATAACCAGCGTACTAGAGTCA  
CCTCCCTTGGCTCCTTGTCCACTGCCCTTTGCATCTCATGCGGGTCTCCAGAAGACCCCG  
CTCCTGCTGTGCAGGCTCCCACGCATACCTTAGACACTGCTGTGGTGTGGGTGGCCACG  
TGACCCACACAGGCCTTTTCTAGTTCACCAGTTTTCTGCAAGGATGCTGGTTAGGGAGTG  
TCTGCAGGAGGAGCAAGTCTGAAACCAATCTAGGAAACATAGGAAACGAGCCAGGCACA  
GGGCTGGTGGGCCATCAGGGACCACCCTTTGGGTTGATATTTTGCTTAATCTGC

>SEQUENCE:4212:prostate\_MPM2000-004P1Novel007-2-Table1

CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGGGGC  
A

TCACGGACCTACCAATATGTGATGTCACCCCTGGTGGCCCAGCTGTGTCATGGAGAACT  
CCAGCTGGGCCCAGAGATTCTGCAGCGGGAAAATCCAAGGCTTATTTATGCCAGGCTGAG  
TGGATTTGGCCAGTCAGGAAGCTTCTGCCGGTTAGCTGGCCACGATATCAACTATTTGGC  
TTTGTGAGGTGTTCTCTCAAAAATTGGCAGAAGTGGTGAGAATCCGTATGCCCCGCTGAA  
TCTCCTGGCTGACTTTGCTGGGTGGTGGCCTTATGTGTGCACTGGGCATTATAATGGCTC  
TTTTTGACCGCACACGCACTGGCA

>SEQUENCE:4213:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGTAGTGCACTCT  
TGGCTCACTGTAGCCTCGACCTCCGGGGCTCAAGTGATCCTCCTGCCTTAGCCCCACAAG  
TAGTGGGACTATAGGCACACACCACCATGCCCATCTAAGTTTTTGTATTTTATGTAGAGA  
CCAGGTTTACCATGTTGCCAGGCTGATCTTGACCTCCTGAGCTCAAGTGATCTGCCCA  
CCTCGGACTCCCAAAATGCTGGGATTATAGGCGTAAACCACCATGCCTGGCCTTAAATCA  
ACTTTAGAGTCAACATCTCTTATCACTGGAGCTTCTAGAGAACTCCATCACGTGGTGCT  
CTCTTTCTGATGTGTTGTGCCCAAATAGCTTGTCTCATTAGATGACTTATTTGCTATG  
AT

>SEQUENCE:4214:prostate\_MPM2000-004P1Novel007-2-Table1

ATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTT  
TTTTTTTTTTTTTTTTTTTTTAGCAGATTGAACGCCTTTATTTTTCTCAAATATAAAATC  
AGAGTCTCCTGAGGCAGCACATGAACTCCAGAGAGAGAATCAACAACAAGAATCACATTG  
CTAAAAAGAACAGGCCTTATTTCTTAATTCCAGAATTGCTTCAATAGTTATTCTCTGAGG  
CTCCAGTGCTTTTTCTGTCCAAGCTACTGTCAGGCAAGTGCCCAAAAGCACCACTCATCA  
CATGTGCGTAATACCGAAGAATGTATACAGGTTTCTTTTGTGTTCCATTGCTTTTTAGTC  
TAAATTTGCATTGCATTGGCTTTTC

>SEQUENCE:4215:prostate\_MPM2000-004P1Novel007-2-Table1

AATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTT  
ACAGCACTGTAGGCAAGTAAACGAAACCAAGGCTGGCTCCCCTGGCCGAGGCCTGGGAC  
TGATGCAAGACAGCCAGCCAGTCACCTCCGCCTCCCATGAACCTCTTGGAAGAACTTCTCC  
TGTCACCTTCTGCCACCCTCCAGCTCCTTGAGAGAGCCAGAGTTGAGAAGAAAATGAGC  
CTGAAGTTGAAAGGGGAAAGTTCTTGCTGAAACAGTGCTGGGAATAAGTCCAGACCATT  
CCCTCAAGAGCCACCTCTTCACTCCTTAAGCCAGAGGACACCACAAAGACACAGTTTAAAT  
GGCCTCTCATGCCACTCCTCAGGTGGCTTGTGAGGGCAGCCAGTGAGGGACTGCAGGATT  
T

>SEQUENCE:4216:prostate\_MPM2000-004P1Novel007-2-Table1

TCCTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTTTT  
TTTTTTTTTTTTTTAGAGATGGGGTCTTGCTGTTTTGCCAGGCTGATCTTGAACCTCCTGG  
CCTGAAGCAATCCTCCTGTATAGGCCTCCCAAAATGCTGGGATTATAGGCATGAGCTACT  
GCACCCTGCCTTTTGTTTTAAAGATTGATGCCTAATGCTAACAGAATAAGCTATTAGCCA  
CATTTCTACAAAGGTGATTTTTAAGTCAGGTTTATTCTCTAAAAATGAGAGGCATTTAA

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&gt;SEQUENCE:4224:prostate\_MPM2000-004P1Novel007-2-Table1

ATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGATCTTGGCTCACTGCAACCTCTCCCT  
CCCGGGTTCAAGTGATTCTCGTGCCTCAGCCTCTTGAGTAGCTGGGATTACAGGCGCGTG  
CCACTGCGTCCGGCTAATTTTTGTATTTTAGTAGAGATGGGGTTTCACCATGTTGGCCA  
GGCTGATCTCAAACCTCTGACCTCATGTGGTCCACCCACCTTGGCCTCCCAAAGTGCTGG  
GATTACAGGCGTGAGCCACCACGCTCAGCCTACAAGCAATTTTTTAAAACTGACACCTA  
TTACTGATAAAATTCTCTGTTTAAATCCTATTTACTATTTTAAAGATAAGTATTAGTTT  
TTTTTAAATACAATAATTCTGTTATTGATAAAATTTAAGGCATTTT

&gt;SEQUENCE:4225:prostate\_MPM2000-004P1Novel007-2-Table1

TACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATACAAACAATGAA  
AACAAATCACATCCTTAGGTTCCATGATTACCGAGATGATTTCCCCTGCCCTAAGTGCTT  
TATTATATTTCTTAAAAAATATAGGAGCAGCAGCTTATCACAAGTCTCCACAAGTGCATT  
AATGATGGAATCAAAACAACACAACAGATTCATAAGGATGAGAGAACTGCAGAACAACCA  
GAAGTCAGTTTTATGCTTCTTCTTGTCTGGATAATTCAGAATTTTGCGGTGTGCCTGTC  
GTAAATATTGCTGCTGTTTGAAGTAACTTTAAATGCTCCTTTTATGGCAACAAACGCAA  
TTCCACCCTAAAATAAAAAGGAAAATTAGCTTTTTATAATGCAGATTTAGAGAAACA

&gt;SEQUENCE:4226:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACAGCAAA  
TGTGCCACTTGAATATCTAGTATGAAGCTGGTAATGAAGAAATTGCCATTTCTGAAGCAG  
ATATGAAATATGATCTGCTTAATTGTTAAGGCAACTGACCTTTCAAAAGTGCAGAGTCTT  
ATTAAAAGAGGGGAGGGGTAGAAGCAGAATAATAGTCATATGTCTAACCTGCCCCAGTTA  
ACTCCTCTTGTTAAATTATAAGCCAGTTATTTTTTTTAGATAGTATTTTTGTCACTTGGA  
TAATCACAGGAAATATATAAGAAAAGAGCTTGGACTAACTTGAGAAGTTGGACATGGAAA  
GCAAGACCAAGTTCCAGTTGGGTTTAATTTCCCTCTTGGTTATTTTCGGACACAAAGGG

&gt;SEQUENCE:4227:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACATGGGACTA  
C  
AGGCACGCCCCACCATGCCCAGCTCATTTTTGTATTTTAGTAGAGACAGGGTTTCACCAT  
GTTGGCCAGGATGATCTTGATCTCTTGACCTCATGATCCGCCCGTCTTGGCCTCCCAAAG  
TGCTGGGATCACAGGCGTGAGCCACCACACCTGGCCCTCTATTTATTCTCTTTAAAGAGA  
GAGAAAATATGAGAGGCCAAAATTATTTAATTAATCTTTACCTTAGCACAAGGGAAAA  
AAATGGAATTTGCCTAATATAGGTGATGAAGCATACACAATGAATAGAAACAATCACATT  
TTAGTAAAAGGCCAAAAATTTGAGACTTATAAGCTATATGGTAGCTTATTTTTGGGT

&gt;SEQUENCE:4228:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACC  
CTGTCTCGTTGAATTTTTACAAAAAATGAAAGAGTTAGTTTTGTGTTATTACTACCTCC  
ATCTCAAAGATGAGTCTTGGAAGCTTAAGTAACTTTAGGTACATTGTAATCAGTGGCA  
GAACTGGGACTTAAGAACATAATTCATGACTGCATTTTCTTTTCTTTCTTTCTTTCTT  
TCTCTCTCTCTTTTTTTTTTTTTTAAAGAGATAGCATCTCACTCACTATGTTGCCAG  
ACTGGTCTTGAACCTTTGGGCTCAAGCAATTCTCCACCTCCGCCTCCCAAAGTGTTAGG  
GATTATAGNGGCATGAGCCCTCATGGCCTGGCCCCCTTGCAATTTCTATTTAAGGTGATCT  
TGAAGT

&gt;SEQUENCE:4229:prostate\_MPM2000-004P1Novel007-2-Table1

CGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACTAT  
ATGGACACCAACATGGAGCAGAAAATGAGGGCAGCAGTGTCCAATCTCATTCCAGGTGAG  
AAGTTGCACAGTGTCCAATAGGTGCATACATCTCCTTAGTAAGTAGTTGTGATTAACAAT  
GAAATAGAAATGAAAAATATATTTTTTTATTTATGTGTATTATTTTTCAAGCAGCTAA  
TAAGTTGGTAGGACATAATATTTAATTCGTTGGGGACCTAATTATTTATAAATTGAATGG  
TTAGATATTTCTTTTGGCCTAAGCCACCATGAAAAAATCACTGAGGCGCTAAGGGAAACA  
TGAAC TAAGAAGCCCTTCTGAGTCTCTGTTTTCTCAACTGTAAGATGAAGAAACCTGC

&gt;SEQUENCE:4230:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGGAAACAAAAGAGATAA  
TAACTAATAGTTATTTAATATGCTGTAACAACAAATTAGAAACATTGAGAATTAAAGTG  
TGTTTTCTTTGTAACAACCTTATCAAGAGTAGTTTGAACAAGGGTTGCCTTCTTCTGGTA  
TAATTTAGATACATATCAGAGCAAACATCTTTTCTGTGGCTTTGCAAGTTGTCATACTGT  
ATTTTGTGGATCAGCTTCCAACATTTTATCTTTTATGCTTTCAGTATTGTAAATACC

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TCTCAGTTTTCTTTAGCATGCAGATTTTTTTTTTTGGTTAGCGTCTTTTTCCTCTAGGA

A

&gt;SEQUENCE:4231:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACACGG

A

TTTTAGATTCTACTAATCCAACCCACTCTAGATGGTTTTCTTCTGTTGATGCGCTGGCAG  
TCAATACTATATAATGTCTATACTTTTGAAAGAAATTCGGTGGCTCAAGTAGTTTGGACC  
AATCTGACTTTCCTTGAAGAATTTTATCTGTGACTGCAAGACCTTGTTTAAATTCTTCTA  
CCATTACTGTTTCGAGTTGATGTGGACACATTATACGTAGAATTCTGTTGTGGGTAGGCAG  
GGGTGATTATGGGCATGAGATGATACCTAATCTGATGGAATTTACCCCGAGGAATCCCAG  
GACAG

&gt;SEQUENCE:4232:prostate\_MPM2000-004P1Novel007-2-Table1

CTCCTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTTTTTTTTTTTT  
TTTTTTTTTTTTTTTTTTGGGTTTAAAAAAAAAAAAAAAAAAAAAAAAAATTAGCTATTC  
TGGTGGATGTGTAATAGTATCTCATTGTGGGTTTGGTTTTTCAATTCCTTAGTGAATAATG  
ATGTTGAATGTCTTCTCAGTGCCTATTAGTTGTGTTACTTATTCAAAAATCTTCTGTGAA  
AAACCTGACCTTGGGAAGGTAAAATCTTTGTCAATTTGTAATTTAAAAAACATATTTT  
TACAATGGGTCAAAGGAGTTCTTTATATTTTCTGGATACC

&gt;SEQUENCE:4233:prostate\_MPM2000-004P1Novel007-2-Table1

TACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACAG  
TAGTGCACCTCTTGGCTCACTGTAGCCTCGACCTCCGGGGCTCAAGTGATCCTCCTGCCTT  
AGCCCCACAAGTAGTGGGACTATAGGCACACAGCACCATGCCCATCTAAGTTTTTGTATT  
TTATGTAGAGACAAGGTTTCACCATGTTGCCAGGCTGATCTTGAGCTCCTGAGCTCAAG  
TGATCTGCCACCTTGGACTCCCAAATGCTGGGATTATAGGCGTAAACCACCATGCCTG  
GCCTTAAATCAACTTTAGAGTCAACATCTCTTATCACTGGAGCTTCTGGAGAACTCCAT  
CACGTGGGTGCTTCTCTTTCTGAATG

&gt;SEQUENCE:4234:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGTCAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGCTCTTT  
CTGATCTCTTTTTCATGCTCCTCCTTGCTCCAAAGAAAAGCCGGATGGCAGAAGAGCCCA  
GAACCTATTGGTGAGTTCCACGAAGTACAAAATCAAGTCACGGCGCCTACAAAGATGAG  
GGGCAGATTCTGGCTGCCTTTTAATTTGCTCCTTCACTGATATCTGTGCCAGAGAATGA  
TAAAAATCATAATAAAGGAAATAATGGAAGAGGAGACTTATGTTACTGGGGACATCTAAC  
ATAATTATTTTCTGATTCAAGTGGCATGGTTCAAGTCTTCCAGGAGTTCTGCTACAGAGAA  
GAGAGTAACCCCATCCATCATGGCCAAAGCACCCAGTCAGGCTCCGCTCTGGATCCAGC  
CCGACAA

&gt;SEQUENCE:4235:prostate\_MPM2000-004P1Novel007-2-Table1

GCGTATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTG  
ACTCATCAACTCATCTGTGCGCAGGTGCTCAGTCGAAATTTGTTAAATAAATGGAGGCGCT  
TAGTTAAGTTTGCCTTTTTCTTTGTAGCAATGTGAAAGCTAAGGGTGGAAAGTCTAGAGT  
GAAGCTGAGTTTTGAGCTTGGGCAGAGGCTTAAGGAATAAAAGATGGAAGAGTAATTAAG  
GAGTGGGTGCTGCTGTGGGAAGTGCTGTGTCAAGACACCTGAGGATGGAATTGGTAGCCC  
TCTGTTTTGGGACTGGTTCAGATGGTGTGTTTGGGTTCTTTCTATGACCTTTATCTCTGA  
AACTTGATTGTCTTAAATGTATTTTGTGGG

&gt;SEQUENCE:4236:prostate\_MPM2000-004P1Novel007-2-Table1

GTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGG  
TACTTTTTTTTTTTTTTTTTTTGAACATATTATAATTATTTCAAAGTCCCTTGTTAATTC  
AAACATC

&gt;SEQUENCE:4237:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTAC  
CTCATCAATATGTGCATTTATTATTTGCCAATTAATAAATAAATAAACTCTTTAAAAATTA  
AAAACCATATATTTCCCTAGTATTTCTGGGATGATTTTTTTTTCTCAATGACTTTTGAGA  
ATGCTTTTGTCTTCTCAAACCTTTGATAATCTCCATCATTACTGGTTGGGTATCCCT  
TATCTGAAATGCATGGGACCAGAAGTGTTTCAGATCTCAGATTATTTTATATTTGAAAAT  
ATTTCCATACAGATAATGAAATATCTTAATAATGGAACCAAGTATAAACAGGAATTCAT  
TTATGTTTCATACACACCTTATGCATG

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&gt;SEQUENCE:4238:prostate\_MPM2000-004P1Novel007-2-Table1

GTAATACGACTCACTTAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGG  
TACTTTTTTTTTTTTTTTTTTTTTTTTACAATTAATACTAACTTTTTTTTAAATTAATACTAA  
AGTTGGTATTTCACTAGGACGATTTAGCAGATGAAATGGGTTTTAAGTTTGAACACCAT  
TTCTTCTTCCTTATTACATTTCCCTTTTTAATGTTAGCCCTCTACAAACACACACATATA  
CACACACACACACACACACTCTGCATCAAAAAAGCCTTCCTACATTAATACTTGAGCA  
TGATAACCTTACAATGAAAGGTAAATCATTAGTTGAATCATGAAACATTTTCTTCCCCTT  
GTGGAGAAAAATCA

&gt;SEQUENCE:4239:prostate\_MPM2000-004P1Novel007-2-Table1

GTAATACGACTCACTATAGGGTCTGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCA  
GGTACCTTTGTCTGAAGCCTGTGGACTGTGCGGTTGTTGGTCAAGGCCACATTAGTTTAT  
TGTTAAGTGCAAGGTTTCTGGTAACAGAAATAAGAATTCAATTGATTCATCATCAAGAC  
CAAATATATTTACTAAAGATCTACCTTAAATTCATTTTTTAGCAGGTATTATGGCATTGT  
GGTTAAGAATTTACATTTGTGAACATTTACCAGCTGATGACCGAGGTGAGCTTCTGTTTC  
CTCCTGCATAAACTTGAGATTATAAAAAATCCCCTAGTTGGCTGGGCACAGTGGCTCACAC  
CTGTAATCCCAGCACTTTGGGAGGCCGAGGCAGGCAT

&gt;SEQUENCE:4241:prostate\_MPM2000-004P1Novel007-2-Table1

GTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTCC  
CATTGTAAATCACATTTTTAGATAGTCCAGTGGCCAAAGCCCCCAGACGAACAAAAACAC  
TCGTATCAGCCAAGACATGCCAGAGGCCTAGTGATTGTTTCCCAGTAGCTGAGGGCAGAA  
GCCAGACCTCTTTCAATAAGGTTGATCTTTCACTGTATTAACACTGTATATAAAGGACTT  
TTATAAAAGCTTGATGTTATGGTGTATTGTGCATCATCCAGTTTAATGCCCTCTTTTTTC  
CAGTAAGAAAAGAAAGGTCTGGGATAATCATGTTAATTGATTTGTTTACATTTTCATTTT  
AATTAGTAGCACAACCTGAGAGTGAAAATGGAACCC

&gt;SEQUENCE:4242:prostate\_MPM2000-004P1Novel007-2-Table1

GGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACAATTTTTTTAACAG  
GAGAAAGTTTATAAACTAGAGCTCAGGGGGGAAAAAAGCCGAGAGAGAAAGGCACTCTG  
GACGCTAATGAGTGGGGACGGTGGTGGAAATGCCTTTCTGATGTGCATGTATT

&gt;SEQUENCE:4243:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACACGCAGCCCTAA  
CACATCAAATATTACTAGCTAACAANTGCACAGTGGAGGCTGCTGTCAGACTCGTAGCAT  
ACACGTGCATAGTTCCTAGCTAACGTCACATGCCACATATCAACCACCTTCTGCCTGCTT  
TTTTGAGGGAGGGATCAACAAGCCTACTGGGATACACAAGTGCTGCAAGCGACATACAAG  
GCTCTAGGCATAACTTAACCCTACAGGAAGCTCCATATCCATTCTCTAGGACCTGGCTCA  
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&gt;SEQUENCE:4244:prostate\_MPM2000-004P1Novel007-2-Table1

ATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTA  
CCAGGAACAGTCAAAGTCACTGAAATGCTTGGTGAGACATATGATCATTTGCTTTCTGCA  
ATAATTGCCATAGACTTATTTCTTAGTCCCCCTACCCCAAATGCTAAATTGAAACCCTAC  
CTTTTTTTCCAGAATATTCCTGATTATGAACTTGATGAAAGATACCATGAAGGTATCTTT  
TGAAGGCAAGGTGGCGTCACTCAGACTTACCATACCAATCAAAGGAAAACCATTCCCAAT  
ATGTAAATGGACCAAGGAAGGCCAGGATATT

&gt;SEQUENCE:4245:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATAGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACATATCAAGCA  
ATTCAGCTTTTTCTTGTGATGTCATAACTTTCCCTGCTTCTTGGGGAGCAGTTCCAGCAT  
CACTAATAGTGCTTTGTTTGGGCCACTTGTTATTTAAGGTTTATAATAATCGCACTAAC  
ACAATGAAAAACAAAGGAGAACATTGAGAGATCACTTTAACTTTTTATAATCAGTTTATG  
TGTATTTTATGGTAGTAAATGATAAAATAGCTAGTATCTACATACAGTTTATACATTTGT  
GGCATACCTTTCTCTTAATTTTTAAGGTATTTTTAGGCTACTTGGCTCATCTGAGTTTTT  
CAAAGTGTTGCGAGTCTCCAAAACTTCTCAGTGGGTTTACTGAAAATTTATGTGT

&gt;SEQUENCE:4246:prostate\_MPM2000-004P1Novel007-2-Table1

ATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTAAAACA  
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AGATGCTCTGGAAGTTTTTTCGTGTATCTAACAAAAAAGTAAATTTCAAACGATGCAAC  
AGTTCCTATTCTGGTAATCAACAGGTTTACTCCTTTAGTTTGGAACTAAGCTTAACTA  
AGCTCTTACCTTTGCATCTTCAGAGCTGCTCCACTGTGCCACTTAAGACAGCGCCATTGT



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TCCTGCGGGAAATCGGTATTTAAGCATTCTCGCAGAAATGTCACACTCCAAGGGCGTTTT  
TCCACACAAAACCCTTCCCCTTTATT  
>SEQUENCE:4247:prostate\_MPM2000-004P1Novel007-2-Table1  
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CATCCTCTGTGAACACTAATATCTTTGGGATGTTATCCCCTCTCTGAAGGTATACAAAAA  
ATAACTTCTTAGGATCAGCCTTAAAGGAAAGGTAATCTGTATCTTGGCGAAGAAAAAAA  
TAACTGAGAATTTTACTACAAAAACCACTTTCAAATCTAACATATCTTTCACATTCGAA  
ACCAAAATACTTGAGACCAACTCAAAAATAAATTGCACAATTAGCATGATATAAACGCAT  
ATGGTTCAGTTACTACAGCAAGACAGGAAGGGCTGTTACTTCCTT  
>SEQUENCE:4248:prostate\_MPM2000-004P1Novel007-2-Table1  
ACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCCCCGGGCAGGTACTGGACTTG  
CCTAATTTCTAGGCATGGAGTTGGGGCTTGTAACAATGGTGGGAGATGGGCAGTGCTTTG  
GGAATGTAGCTGACCACTGCATGGGTGCTAACTAGCCCAGGGATCTTAAAGAATTTGTGT  
AGGCCATGAGGATCCACTCCAGCCACTGAATAGTCATAGAATTGAATCTAGGACATCACC  
GTATGCTACTACCATGCAGTTTTATCCCTTCTAAGAATCCAAATGCCCTAGTTTAATTC  
TAAATTTTTGGTTTGATTATTTTCACTAAAGCAACATGTTTAGTGGAC  
>SEQUENCE:4249:prostate\_MPM2000-004P1Novel007-2-Table1  
TCACTTAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACCTTCTCTAATTCCA  
ATAGATGAAACCTTAATACTTGTATGGCTTGAATCATCAAGTTATCCAGTTCTGGATTAG  
AAGAAAATAGAGGTTTTTCTGCGCGAATCTGTTTGGCGAACACGGCTATATCTTCATTGA  
ATGACTCTGACGAGCAGACGTCCCCGCCCCGCCACCCCCGGCTCGCGGGGGGTACAGCCC  
A  
AGACGTTATGAATACCCAGGGTTTAGCCTGATTTGGTAAAAGTGATTGAGATAAAATGTG  
AACAACAATTGTGCATGACATTTACTTGGCATTTCAGTTTCCAGGGGGCCTGTTCTCG  
GTAGCTGTCTTCACGTGAAAGCACTTTGAACT  
>SEQUENCE:4250:prostate\_MPM2000-004P1Novel007-2-Table1  
CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACATTTGCTTTTA  
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TGACCTCCAGTCACAAAGCGCTTCCCATCTGGATTCCAAGCCACACTTGTCAAACGTCT  
TCATGAGACTGGCTCATTTTTGTCTTAGTTCTCCTGTCTATAAGGAAATAAACTGTAA  
ATGAGACCTTCAAGATACCCCTCTAAAGGAAATATATGAGAAAAAAAATAAATGGA  
TGTCTGGCTGGTTATCCCAGTTGATTTTAAAGGGGAGTAATGAATTTAAGT  
>SEQUENCE:4251:prostate\_MPM2000-004P1Novel007-2-Table1  
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AATAAACTTTTAAAGATGTGAAGATCCATGGTAGATTTCC  
>SEQUENCE:4252:prostate\_MPM2000-004P1Novel007-2-Table1  
TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCCCCGGGCAGGTACC  
AATGAAAAAACTCTTCTCAGTCATTAAACATGAGTAACATGACAACTACAAAGCTTTCT  
CAGGAGTAATAATAGAATGGATAAGATTTAGAGCCAAACAAGTGACTATGGGGACTCACC  
CATTTTCTATTTATATTGTATAGAACTCTTAAACAAAGCAAAATAAAACAAACCTGAT  
TACTCTTTAATTCCCAGAAAAAGCTTTCCTTTTCTTCCACTCATTTGTATTTCTTAAA  
CAGCTGTAAATCAGCTTCTTGTATTGTGCTGACAGAGAAAATAAACAGNTGATTGCCATT  
ACTGAAATTTAAAGTTAAATATTAGGTATTTACATGAGCTTTTATGAAGAAATGGG  
>SEQUENCE:4253:prostate\_MPM2000-004P1Novel007-2-Table1  
GCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACTCCTGGCTGGCCCCAGGCAGTC  
T  
AATGATAGAGACAGCTGGGTGACCACGGGTGTTCTAATGGGAGAGACTCCTGGTCAACCC  
CAGGCAGTCTAATTATTAAGACACCTGGGCTACCCAGACATTCTAATGGGAGCAACTC  
CCGACCAACCCCAGGCAGTCTAATGATAGAGACATGTGGGCCATCACAAGAATTCTAATG  
GAAGAGGTTCTGGCTGACCCCAGGAGAGACACCATTTCTAATGGGAGAGACTCTGGGCCG  
TTTCCAGGCTGTCTAATGATAGAGAAACCTGGGCGACTGCAGGCATTTTAATGAGAGCGG  
CTCCTGTCCGAACACCAGCAGTCTAATGATAGAGACACC  
>SEQUENCE:4254:prostate\_MPM2000-004P1Novel007-2-Table1

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CAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACCTGGCTCAGCACGAACACCTTCT  
G

CTCAACACAAGCATTGCATCGCCTGCTGACTCGTCAGAGTTGCTCATGGAGGTGCACGGA  
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GGAACCGCACTGGTCCTCCCCTTTGCTTATAAAAGAGAGAGAATTTGATTGCTGTGGTTG  
TAATGTCTCAAACCTTTTTTTGAGACAAGGCCTGGCTCTGTCGCCCAGACTGGAGCGCAGT  
GGTGCAATCTTTGCTCCCTGCAGCCTCCATCTCCTGGGCTCAAGCGATCCTTTCACCTCA  
GCCTCCTGAGTATTTGGGATTACAG

>SEQUENCE:4255:prostate\_MPM2000-004P1Novel007-2-Table1

TTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGATCTTGGCTCACTGCAACCTCTCCCTC  
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CACTGCGTCCGGCTAATTTTTGTATTTTTAGTAGAGATGGGGTTTCAACCATGTTGGCCA  
GGCTGATCTCAAACCTCCTGACCTCATGTGGTCCACCCACCTTGGCCTCCCAAAAAGCTGG  
AATTACAGGCGAAAACACCTGGTCTCAGCCTACAAGCAATTTTTTAAAACTGATCACC  
TATTTACTGGATAAAATTCATCTGTTTAAAAATCCTATTTAACTAATTTTTTAAAG

>SEQUENCE:4256:prostate\_MPM2000-004P1Novel007-2-Table1

CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCCCGAATC  
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ATGTAATAA

>SEQUENCE:4257:prostate\_MPM2000-004P1Novel007-2-Table1

ACTATAGGGCGAATCGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTGCACAATTATTAC  
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CATTAAATTACCTATTGATCATCTCCATCAGTCCCAAATCCAGCTGCTGCAGCGCGGTCTG  
GAACATCAGGCTCATCCCCGCGTACAGAGTGTAACACGCATTCTTTCTGAGGCTTCCGG  
CGCTGATGCGAATACAGCTCACAGAGAAACGCATGTGCTATTGGAGAACAGGGCTTTGTG  
GAGAACTAAAGGCAGGGATTTGATTTACAGGGA

>SEQUENCE:4258:prostate\_MPM2000-004P1Novel007-2-Table1

CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGTAACAGGA  
CATCAATAAATATTAGTTGAATGGAAGATTAAATCAACAAAATGGGTGATGGATCTCTGC  
AGTAAGTGGAAGAGTTCTTCATGGCCCCCAAGGTTATATCCATCTAGAACTTCAGCACGT  
AATTTCAATTTGGAAAATAGGGCCTTTGCGGATATAAGTTAGGTAAACTGAAGATGAGAT  
CATACTGGATTAGGATGGGATCTAAATCCAATGAAAATGTCTTCATAAAAAACAGGAAAG  
AACCCATAGAAACACAAGGAAGAAGGTCATGTGAAGATGGAGGCAGAGATTGGAGGGATG  
CAACCACCGGCCAGGAATGCCAGCAGCCACCC

>SEQUENCE:4259:prostate\_MPM2000-004P1Novel007-2-Table1

CACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCATCTTGGGTCATCGATGA  
GCCTCGCCCTGTGCCTGGTCCCGCTTGTGAGGGAAGGACATTAGAAAATGAATTGATGTG  
TTCCTTAAAGGATGGGCAGGAAAACAGATCCTGTTGTGGATATTTATTTGAACGGGAATT  
ACCAGATTTTAAAATTGAAGTCCCCAAAGTGGGCCTTTCCAATGAGAGGAAAACAGACG  
AGAAAATCTTGATGGCTTCACAAGACATGCAACAAACAAAATGGAATACTGTGATGACAT  
GAGGCAGCCAAGCTGGGGAGGAGATAACACGGGGCAGAGGGTCAGGATTCTGGCCCTG  
C

TGCCTAAACTGTGCGTTCATAACCAAATCATTTTCATATTTCTAACCTCAAAACAAAGCT  
GTTG

>SEQUENCE:4260:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATGGTGGATGATTTTAA  
ATCACCTAGTGTGCTGAGACCTTGAGAATAAAGTGTGTGATTGGTTTCATACTTGAAGA  
CGGATATAAAGGAAGAATATTTCTTTATGTGTTTCTCCAGAATGGTGCCTGTTTCTCTC  
TGGGGCTTAAAAGCCTTGGGAATGGGAGGTTGGATGGTTTAAAGTGTGTTTCTTACCGCC  
CTCCTTTTTCTTTAATCTTATTTTTGATGAACACATATATAGGAGAACATCTATCCTAT  
GAATAAGAACCTGGTCATGCTTTACTCCTGTATTGTTATTTTGTTCATTTCCAATTGATT  
CTCTACTTTTCCCTTTTTTTGTATTATGTGACTAATTAGTTGGCATATTGTTAAAAGTCTC  
TCA

>SEQUENCE:4261:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTTTTTT  
TTTTTTTTTGAATGTAAATTGTTTTTAATATATTTAAGAGCACACAGAAGTCTTGATT

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ATAAAAAAATAAATATATAACATGACAAATTTACTGATGATCCTGGAGCTCTGAGGTCAA  
ACTTTTTTTTAAATGGACCAAGTGAACCTTAAACATCCAATGATCCTGTTTAAACACCAC  
ACAGGGAGCATTATTCCAGTTTGTAAAAAAACCAAATTTCTTTGAAGGCCTCTAGAA  
CCGAACAAAAATTCAGTCTTTATGGCAGAAAGCACATCCAAAGCTAGGCAATGAAGTTCA  
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GCATGATCCTTCAGCTCATGAC  
>SEQUENCE:4262:prostate\_MPM2000-004P1Novel007-2-Table1  
GTAATACATACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCAAAGA  
GGGCATAATAATCAGTCTCACAGTAGGGTTCACCATCCTCCAAGTGAAAAACATTGTTCC  
GAATGGGCTTTCCACAGGCTACACACACAAAACAGGAAACATGCCAAGTTTGTTC AACG  
CATTGAAGACTTCTTCAAAGGATCTTCTTTGGCATCGACCACATTCAGGGGCAAAGAAT  
TTCTCATAGCACAGCTCACAATACAGGGCTCCTTTCTCCTCTACAAATCCAATGTAGGCC  
ATTGTATTTTTGCAGTGAGCGCAGTTGAATTCTTCTGGGTGCCAAGATTTCCCCAGTGCC  
ACTAAAAATGGTTCCTCTGACAGAAAAAAAAG  
>SEQUENCE:4263:prostate\_MPM2000-004P1Novel007-2-Table1  
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GACAAGAAGCTTAGATTTATCTCACTGTTCCATAGAACTTATACATTCAATTGTCTTCTAG  
CTTGTA AAAACCAATTGGTGGTTTTAATAAACTGGAACTGGGAAGATTGAGCAAGACT  
GCTGTATAGAATCCAATCCCAAGTCATCTGCCCAAGGGTAGATTCAGTTTTTCTCTAGCG  
TTTGATAAGTCAGGCTGATCTTAAAGGTAGAAGTTGGAAATTTTTTCAAGGCAGTG GTTC  
TTAAAGCATAAGTTCCCAAACAAGCAGTATTGGGCCTCACCTATAAACTTGTTTAGAAA  
TACAAATT  
>SEQUENCE:4264:prostate\_MPM2000-004P1Novel007-2-Table1  
CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCATCTTGGGTCATC  
GATGAGCCTCGCCCTGTGCCTGGTCCCGCTTGTGAGGGAAGGACATTAGAAAATGAATTG  
ATGTGTTCTTAAAGGATGGGCAGGAAAACAGATCCTGTTGTGGATATTTATTTGAACGG  
GATTACCGATTTTGAATGGGAATCCCAAAGTGAGCCTTACCAATGAGAGGAAAACAGACG  
AGAAAATCTTGATGGCTTCACAAGACATGCAACAAGCAAAATGGAATACTGTGATGACAG  
GAGGCAGCCAAGCTGGGGAGGAGATAACACGCGGGGCAGAGGGTCAGGATTCTGGCCCTG  
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TGCCTAACTGTGCGTTCATAACCAAATCATTTTCATATTTCTAACCCTCAAA  
>SEQUENCE:4265:prostate\_MPM2000-004P1Novel007-2-Table1  
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GCAGAGGTCAATATTAAGCTTCCAATTAATGCTTATTCATCACAAATAGTAAGTAAATAA  
TGACCGAAAAAAATTCCCTTAGTCACCTTTTTTGCCACCTTTTGGTTTTATTTTAAACAT  
TTTTCACTATGTGAGATTTCCAAGATTTGTTTTATTTTCTGTTTCCCTCTAACTGCAATA  
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TCACTGCCAAATCCCACCTGCCATAATTACTGCCGTATCCCACCTGTCATAAT  
>SEQUENCE:4266:prostate\_MPM2000-004P1Novel007-2-Table1  
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TAAATAGTTCCATAATTTTTTCTAAAAAGCTTTGCTTGAAAAGCTGTAAGCTTCCCATAT  
CTGGAGCATTTCATTTAA  
>SEQUENCE:4267:prostate\_MPM2000-004P1Novel007-2-Table1  
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ACTAAATATTA AAAATGAGTGTGGCTGGATATATGGAGAATGTTGGGCCCAGAAGGAACC  
GTAGAGATCAGATATTACAACAGCTTTGTTTTGAGGGTTAGAAATATGAAATGATTTGGT  
TTTTAAACGCCCAATTTTAAGCAGCAGGGCCCCGAATCCTGACCCTTTGCCCGTG GTTAT  
CTCCTCCCCAGCTTGGCTGCCTCATGTGCATCACAGTATTCCATTTTGTGTTGTCATGTC  
TTGTGAAGCCATCAAGATTTTCTCGTCTGTTTTCTCCTCTCATTGGTAATGCTCACTTTGTG  
ACTTCATTTCAAATCTGTAATCCCGTTCAAATAAATATCCACAACAGGATCTGT  
>SEQUENCE:4268:prostate\_MPM2000-004P1Novel007-2-Table1  
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TTTCATTATTTACCGTTTATAATTTGGAGGTAAGACCATTAGACCCAAAGAACTTTTGTC  
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TGGGTGGTGCAGCAGCTTCTCCCATCGTGATATTTACAAGAATGCCAGGTCTCTCTTGA  
CTGATAGGTCAATGGCTGTTTGATGTGCAGCGGCCAATTGTCTACTATAACTACAGAATG  
AACCTGTATTTATGTGTACTGCTCGAACTAGAAAATTTAGCCACTCTCTGCTTTAAGGCT  
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>SEQUENCE:4269:prostate\_MPM2000-004P1Novel007-2-Table1  
CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGTAAAAATAGAATAT  
AAAAAATGCTACACATGTGTAGGGCAGTTTCATTATAATTTGTCCATCTTTGACTGAAA  
CATTATTATTCAGCGTATGACTATATATACAAGAAAACATACACACAC

>SEQUENCE:4270:prostate\_MPM2000-004P1Novel007-2-Table1  
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GCTATGTGTCTGGGTTTCATCCATCCGACATTGAAGTTGACTTACTGAAGAATGGAGAGA  
GAATTGAAAAAGGGGGAACCTTTCAGACTTGGTCTTTCACCAAGGAACTGGGTCTTTCTA  
TCTCTTGTAACTTTTATTTTTTTTTTTTTTTTTTTTTTTTTTTTGGGGCACGGAAGAACTGTC  
CTCGGGTTGGAGCATGGGACCTTTATTCGTTAAGACATCAGGCTCCAGATATGAACTTTC  
AGCAGAAGCGCTTGCCGGGAGCAAAGGGACAGAAAAGCTGAAATGAACAGTGCCTGGCAG  
CAATCACAGCC

>SEQUENCE:4271:prostate\_MPM2000-004P1Novel007-2-Table1  
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AAGTATACTGTGTAGACAACATGAACACATATGAAACAATTAAAGGGCAGTGCAAAGCAG  
AAAACAATTAAAGGGATTCAATTCAACCTGGCGAAATCACTGGCCTAGGGTTTTTGGCC  
AATAAAAATAGGTAAGTGTTTGAACATATTTTCTTTTGATGCTTTTGGAGTGGTGTTTT  
TATTTCAATTTCTTAATATATTTTCAAGAGAAATTATCTAATCTAGTTTATCTAAATCTT  
TTGAGACATTTCTATCCGCCTTCTCCCTTTTCCCTGGCAAAGGAGCTCAACCTGTGAAA  
GTGCA

>SEQUENCE:4272:prostate\_MPM2000-004P1Novel007-2-Table1  
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A  
GGAAACCGCAGATAAGTTTTTTCTCTTTGAAAGATAGAGATTAATACAACACTACTTAAAA  
AATATTGTCAAATAGGTTACTTAGAAATTGGTTTACCGTTAAGTTTTTAACGTAATTTTA  
TTAGCTTAAGATTTTAAGAGAAAATATGAAGACTTAGAAGAGTAGCATGAGGAAGGAAAA  
GATAAAAGGTTTCTAAAACATGACGGAGGTTGAGATGAAGCTTCTTCATGGAGTAAAAAA  
TGTATTTAAAAGAGAATTGAGAGAAAGGACTACAGAGCCCCGAATTAATACCAATAGAAG  
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>SEQUENCE:4273:prostate\_MPM2000-004P1Novel007-2-Table1  
GGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACAGCATTATTAGCTGG  
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>SEQUENCE:4274:prostate\_MPM2000-004P1Novel007-2-Table1  
GGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAAAAAGTATATGCCAGATAAAC  
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>SEQUENCE:4275:prostate\_MPM2000-004P1Novel007-2-Table1  
CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTGCACCACT  
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CGTCTCCTACTGGCCAAGGCAGCCAAAGATTTGAAAGTCTTTGGCTCGTAGATGGCCAGA  
TCCGCTAGGGACCTTTCCTGGTTGAGCTTCCCCTGGCACTTAACTAAATTCCCAATGAGC  
GCTGGATACTTCAGTCCATGTTCTGGCTAGCAGCTGTAATTCGATTAATCCAGAGGGTC  
CTCATGTTCTTTTTCTTCAGGTATCGGGCTTTGGTGCATTTCAAAAGGCTCGAATCACG  
GNTTCTGACCGCCAACCTGTAGCAGCGATTTTTCTTCCCCGGAAGTGCCTGGCGTGCTT

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CAGCACC

&gt;SEQUENCE:4277:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACACTGTGCAGAATAAACA  
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GCAGTCCCTGGAAGAGGGGAGGGGAAAATCAGTATTCCGAGTTGCTACAAAATACTTATTT  
TAAAATGGCCAAGTTTCACCACAAAATTTTGAGGCATGCAAATAAACAGAAAAGTTTGAC  
ACACAGAAAGAAGGGAAAAGCAGGCAGCAGAAATTGTCCTTGAAGGCCCAGATGTCAGAC  
TTAGTAGACAAGACAGCAAAGCAGCTATTATAAATATGTTTCAAAGGAACTAAAAGGGCT  
GAATTTCTAGCCACTCTTGAAAAAAAAGGGAC

&gt;SEQUENCE:4278:prostate\_MPM2000-004P1Novel007-2-Table1

CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAAAACAGCC  
AGGCAAGGTGGCGCACACCTGTAGCCCCAGTTACTCAAGGGTCTTGAGGTGGAAGATCCC  
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&gt;SEQUENCE:4279:prostate\_MPM2000-004P1Novel007-2-Table1

ACTCACTTGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCATCTTGGGTCATCGATG  
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GTTCTTAAAGGATGGGCAGGAAAACAGATCCTGTTGTGGATATTTATTTGAACGGGATT  
ACCGAATTGAAATTGGAATTTCCCAAAGTTGAGCCTTTACCAATGAAGAAGGAAAACAGA  
ACGAAGAAAATTCTTGGATGGCCTTTACAAGGACATGCCAACCAACAAAAATGGGAAT  
ACTTGTGATTGACATGAAGGGCAGCCAAGCTGGGGGAGGAGATAACCACGGGGCAGAGGG  
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AACCCTCAAAACAAGCTGTTG

&gt;SEQUENCE:4280:prostate\_MPM2000-004P1Novel007-2-Table1

ACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCATCTTGGGTCATCGA  
TGAGCCTCGCCCTGTGCCTGGTCCCGCTTGTGAGGGAAGGACATTAGAAAATGAATTGAT  
GTGTTCTTAAAGGATGGGCAGGAAAACAGATCCTGTTGTGGATATTTGTTTGAACGGGA  
TTA

&gt;SEQUENCE:4281:prostate\_MPM2000-004P1Novel007-2-Table1

CGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCATCTTGGGTCATCG  
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TGTGTTCTTAAAGGATGGGCAGGAAAACAGATCCTGTTGTGGATATTTATTTGAACGGG  
ATTA

&gt;SEQUENCE:4282:prostate\_MPM2000-004P1Novel007-2-Table1

CGCCGGCGTCAAATTGGGGGGTCTGAAACGCTGTGACCACACTATCATATTACAGACAC  
TGAATGGCTTGCCACCCATTGGGTGCCAATTGATCAGTTATTTTTATTG

&gt;SEQUENCE:4283:prostate\_MPM2000-004P1Novel007-2-Table1

ATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCCATCAC  
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ACCCACCATCTAGTAGGCGGAAGACAGACTATAAATACATAATGCAAGATAATTTCTGAT  
GGTGGCAAGTGCTCCCAAAGACAATATGACAGTTAAACAAAGCAACTGAGTAGAGGGAGA  
GGGAAAAAGCAACTGGGGAGAGGAACATTTATGGCTGAGAGATCAGGAAAGGCTTCTTTG  
GCGAAAAGACACTGGAGCTGAAGCCTGAAGGAAGAAGGCTGAGTGGTGCGGCAGGGCTG  
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GAGTTGCAGGAAGAGCTGACAGCAAGCCCCGTTTGATGGGGGGAAGCTGGTGAAGGATGG  
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&gt;SEQUENCE:4284:prostate\_MPM2000-004P1Novel007-2-Table1

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TGTTGAGTTTCATTGTGTTTGTGTGTTCAAATTTTTAAATATTCTGAGATACTCTTGTA  
GGTCACTCTAATGCCCTGGGTGCCTTGGCACAGTTTTAGAAATACCAGTTGAAAATATTT  
GCTCAGGAATATGCAACTAGGAAGGGGCAGAAATCAGAATTTAAGCTTTCATATTCTAGCC  
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&gt;SEQUENCE:4285:prostate\_MPM2000-004P1Novel007-2-Table1

CGAATTGGTGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTTTTTTTTTTTT

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TTTTCCCA

&gt;SEQUENCE:4286:prostate\_MPM2000-004P1Novel007-2-Table1

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AACAGCACACCTGAACCAAAGGAAAATGGGGAGGAAGGCTGTCATCAAATGGTCTTGCC  
CTCCCTGTAGTGGAAGAAGGGGAGGTTCTCTCACACTCTCTAGAAGCAGAGCACAGGTTA  
TTGAAAGCTATGGGTTGGCAGGAATATCCTGAAAATGATGAGAATTGCCTTCCCCTCACA  
GAGGATGAGCTCAAAGAGTTCCACATGAAGACAGAGCAGCTGAGAAGAAATGGCTTTGGA  
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&gt;SEQUENCE:4287:prostate\_MPM2000-004P1Novel007-2-Table1

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AGCTTTACTGGTAAGAGAGCTCCGACTGAACATGCTGAGCAGTTGAGCACTTTTCCATCA  
GCAACAACAGCGAGGATGGAAATGGAAAGGAACCGAACTAAAACGCATTTCCCTTTGCAG  
GGCAGAGAGCTAAGCTCTTAGGAATAGTGTTATAGAAATAAGCACCTAACTTCAATTCC  
TGAAAATGTTGGTTAATGGAGAGAATTTTGGAGTTTCACTTAATATTTTCCCATCGGTG  
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&gt;SEQUENCE:4288:prostate\_MPM2000-004P1Novel007-2-Table1

CGAATTGGTGCTCCACCGAGGTGCCGGCCGAGGTACTATTCAAGTCTTTAAAAAGAATGTT  
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AAAGACAAATTTTGCATGTTCTCACTTATTTGTGAAAGCCAAAAATTAACAACACTGAAC  
TCATGGAGATACAGAGTAGAATGATGGTTACCACAGAGTAGAATGATGGTTACCAAAGGC  
TGGGAAGGGTAATGGTGGGGAGAGAAGTTGGAATGATTAATTGGTACCCCGAATACCAGG  
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&gt;SEQUENCE:4289:prostate\_MPM2000-004P1Novel007-2-Table1

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GGCTGAGCCACCACGCCAGCCAACTGCTGTTAATCATTTTAGAATCTAAGCTCCCACAC  
TGATAGGGAGAAAAGGCATAAAGGAGGAGTTAGTGTTGACATGTGTCAAATGCTGGTAAG  
TCAAGACTTTTGGTAAGAGGAACAGACCATTGGATTTAACAACATGGAAGTTACTGGTGA  
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&gt;SEQUENCE:4290:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACTACAATAAT  
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CTGGCTGGAGATCTTGGATGTCACATCTTAGAATCAGGTGGCAAAGCATCTGTGAAGGGC  
AATGTGGCATCCCAGACAGTGGGTGGTGAGATCAGGAAGAAAAAATGGAATCAACAGAT  
GGTGGATCCTACAGCTGAGAACTGATTCTTCAATTTGACGTGGTTGGCATAAACATTTTA  
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&gt;SEQUENCE:4291:prostate\_MPM2000-004P1Novel007-2-Table1

ATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACCCCTCCAAGC  
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GGACAACCCGGGCGAGGACGCACCAGCGGAGGACATGGCCAGATACTACTCGGCGCTGC  
G

ACACTACATCAACCTCATCACCAGGCAGAGATATGGAAAACGATCCAGCCCA

&gt;SEQUENCE:4292:prostate\_MPM2000-004P1Novel007-2-Table1

CTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACATAGG  
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&gt;SEQUENCE:4293:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACAAGAATTGC  
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TTTATGGAATGGTGAAGGGAATGGTATAGAATTGGAGAGATTATCTTACTGAACACCTGT  
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>SEQUENCE:4294:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACACCG  
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GATGCTTTTTATAGACCCCATCCAAGACCTCACACATCTTGTAATTAAATTTTCATCTGG  
TAGTATTTTGACTTTTTTTCCAGCCTGTCAACACCTTCTGTGTTCTTACTTGTTGTATCT  
CAAATATTTGATACCCTTTTCAGTGTTGTATTAATCTAAAATTTGTTGTTTGTGTTTATG  
TTTTCATGAAGTTACTGTTAAAAAATATAGGAAGAAGAGAAGGTTAAGATTTGAGCCCTT  
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>SEQUENCE:4295:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACGATCT  
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>SEQUENCE:4296:prostate\_MPM2000-004P1Novel007-2-Table1

ATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTTTTTTTTTT  
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TTTAAAAACCCCAATAATCCCAAGGAACACGGGGAAAAAATTGGAAAAAAAACCAAAGG  
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>SEQUENCE:4297:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:4298:prostate\_MPM2000-004P1Novel007-2-Table1

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TTTCATCTGGAAATAGTGCCTTTGCGGATATAAGTTAGGTAAACTGAAGATGAGATCAT  
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CCATAGAAACACAAGGAAGAAGGTCATGTGAAGATGGAGGCAGAGATTGGAGGGATGCAG  
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>SEQUENCE:4299:prostate\_MPM2000-004P1Novel007-2-Table1

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GGCTAGTCATATCTCATCAGTGGTTACAAAGTATCCTTACAATTGAACCTACATTTGTTA  
ATCCTGTTCAGTGTGTATGAAAATCACTTGGTGGCCGGGCATGGTGGCTCACGCCTGTAA  
TCCCAGCACTTTGGGAGGCCAAGGCGGGCAGATCACAAGGTCAGGAGTTCGAGACCAGCC  
TGGCTAATATAGTGAAACCCCATTTCTACTAAAAATGCAAACATTAGTCAGGCATGGTGG  
CAGGTGCCTGTAGTCCCAGCTACTTGGGAGGCTGAGGCAGGAGACTCTCTTCAACCCGTG  
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>SEQUENCE:4300:prostate\_MPM2000-004P1Novel007-2-Table1

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TTTTTTTTTGGGTCTTTGGGTGGGGTATGTAATAAGAAAAAGCCTGCAGGCTTCTGAGGT  
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TGTTACCAAGACCCTTGCGCCCTGAAAAAATGCCTTAGCACCCCTGGAATGGGCCATGG  
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>SEQUENCE:4301:prostate\_MPM2000-004P1Novel007-2-Table1  
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TTTTAAACAGCTAAAATAAATTTTAAGGGGCATTAAAAA  
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>SEQUENCE:4303:prostate\_MPM2000-004P1Novel007-2-Table1  
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AGACAAATGGCAAGGTGTCAGCATACCCTGAACTTGAGTTGAGAGCTACACACAATATTA  
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AGTGCCTGACACACACCATTCTCTTGAGGTCCCCTCTAGAGATCCCACAGGTCATATGAC  
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GTTGCATCTAACTGTTTTTAAAAAAGTTCTGTTCTTCAAAAAAATTTTAAGCTATGAAA  
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ATTCTGACACTAACTCCTGGAGTTAGTCCAGACCCTAAAGGTTAAGGACTTCATCCCAGG  
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ATTATATGTAGCATGAGAACTAAGAAGATAATATATATTGAAAAAATGGAGATGTCCTCA  
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CGTGCCACTGCGTCCGGCTAATTTTTGTATTTTAGTAGAGATGGGGTTTCACCATGTTG  
GCCAGACTGATCTCAAACCTCCTGACCTCATGTGGTCCACCCGCCTTGGCCTCCCAAAGTG  
CTGGGATTACAGGCGTGAGCCACCGCGCTCAGCCTACAAGCAATTTTTTAAAACTGACA  
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>SEQUENCE:4312:prostate\_MPM2000-004P1Novel007-2-Table1  
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CTTGATCCGCCCACCTCGGCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCCATCC  
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GTGCCAGGAATTAAGTTGGGCACTGGGAATTCAAAACCAACAAGACATTCTCTGTCATC  
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>SEQUENCE:4313:prostate\_MPM2000-004P1Novel007-2-Table1  
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CTCACCTATGCTACTGGTCCTTTTGGCAAAAAAGGAAAATGATAGAGCCAGGGTTGCCCC  
TGATGTATCAGCCTTACTGTGGAGGGGGCCAAAGCTGGTGTTCAGAGCTCACCCAAGGAGG  
GAGGTGATAAGGTGTCATGCGTTCTGCTGAACCCACTGGCTGGTATGAACATGAGGCTTG  
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CAAATATTCCCGCAACATACTGTGCTAGCTGTTTCGGCCACATCACCTTTATGAAATTCTC  
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>SEQUENCE:4316:prostate\_MPM2000-004P1Novel007-2-Table1  
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CCCTCCAAAGTGCTTGGAATTAACAGGCGTGAAAGCCACCCGCGCCCCGGCCCTTATATTG  
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>SEQUENCE:4317:prostate\_MPM2000-004P1Novel007-2-Table1



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TTATCAGTTATCTTCAATTGCATATTACAAAATTCTGATTAAATTTTTCTTAAATAAGAA  
AACTATCATTTCATATGACAAGAAATCCTAATTTAATGTTACTCCAAGGTTGGTTAATTC  
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>SEQUENCE:4321:prostate\_MPM2000-004P1Novel007-2-Table1  
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Table 7  
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&gt;SEQUENCE:4324:prostate\_MPM2000-004P1Novel007-2-Table1

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TAGTGGGACTATAGGCACACAGCACCATGCCCATCTAAGTTTTTGTATTTTATGTAGAGA  
CAAGGTTTCACCATGTTGCCCAGGCTGATCTTGAGCTCCTGAGCTCAAGTGATCTGCCCA  
CCTTGGACTCCCAAATGCTGGGATTATAGGCGTAAACCACCATGCCTGGCCTTAAATCA  
ACTTTAGAGTCAACATCTCTTATCACTGGAGCTTCTGGAGAACTCCATCACGTGGTGCT  
CTCTTTCCTGATGTGTTGTGCCCAAATAGCTTGTTCTTATCAGATGACTTATTTGCTATG  
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&gt;SEQUENCE:4325:prostate\_MPM2000-004P1Novel007-2-Table1

AATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTCCATG  
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AGCTGTCAACTCAGGAGTCCCATTAACTGACTCTAAAAATTCCTAAAAGAAGGCATGAT  
TTATTATAAGCAAATGGCTAACCTGGCTTTTTTGGTAATAGAATTTTAAATGAAAATAAA  
ATTATACAAGATACACATTGTTTGGATTTTAAAACTCTATTAAATGTTTAAGTGGTTG  
TGAATATGAGGAATAATTAATGTAAACCCAGCTGATTAGTGAACATATAAGAAAATGG  
GGGGAAGTATCCCAAAGATCTTCTCTTCTAAGGAGAACTTCACTTGAGGGGCAAACAC  
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&gt;SEQUENCE:4326:prostate\_MPM2000-004P1Novel007-2-Table1

CCTAATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTG  
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TCAACTCCGTTTTTATTATTCTCATGTCTGACGATGCATCTGTGTTCTTTGTCCATTGAC  
TTTTCTGGCACCGTGGACCACCTAAATGATCATGTATGGGTGCAATAGTCTTCATGGTGT  
TCCCCTCCTGGGATCCCAGAATCGAGTTGCTCTTCTTTCTTGCCAATGCATCTTAGTAA  
CATCGCGGAAAAATTCCTCAAGAGGACAAAGGTGTGCCCCATCCTCCTGGAGCTTTGGGC  
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&gt;SEQUENCE:4327:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGTAGTGCACTC  
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ACAAGGTTTCACCATGTTGCCCAGGCTGATCTTGAGCTCCTGAGCTCAAGTGATCTGCCC  
ACCTTGGACTCCCAAATGCTGGGATTATAGGCGTAAACCACCATGCCTGGCCTTAAATC  
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&gt;SEQUENCE:4328:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCAAATTCATTCA  
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CTGAAGTGGGAGGATCACCTGAGCCCAGGGAGGTCAAGGATGCAGTGAGCCATGGTCTCA  
CCACTGCACTCTAGCCTGGGTGACAGAATGAGACCCCGTCTCAAAAAAAAAAGAAGAAGTA  
GATAATCTGAATAGCCCTATATCTATAGAACTTAATAGTGCTGGGAGATATAGGTATTA  
TTATCCTCATTTTACAGATGTGAAAATTGAGGCTCAGAGAAGTAAAGTCTATTGCTCAAG  
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&gt;SEQUENCE:4329:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATTGAAAG  
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TCACAACCTACCCACGCTGTTCTAGTCTCTCCGTAAAGTGTCAATTCTGAAGGTCACAAC  
TCCATAACTTCCATATCTTCTCAGTATTACATTTCAAGATGAATATATTGTGCTTTACTC  
TGGCAACATGTCTTCCATAAGATGAGAATACACATCATAATGTAGAATCCGTGGAACTC  
TGAGCTTATTTTTCTGCAACTAGATGGTCTCATCTGGGGGCAAAGTGAGACAGTGACAGA  
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ACAATAGGGTTCATGCTCCAATG

&gt;SEQUENCE:4330:prostate\_MPM2000-004P1Novel007-2-Table1

GCGGCCGAGGTACAGCCATCCTTGTCTTCAAGCACTTTGAGAACATTTTAGCCATTGATG  
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AAAAAAAAAGTATGAAATGCCTTCAAAAATGTTCAAAGCTTGAGAGAAAAGCTTTTTTTCAT  
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>SEQUENCE:4331:prostate\_MPM2000-004P1Novel007-2-Table1  
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CTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCGCGCTCAGCCTACAAGCAATTTTTT  
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>SEQUENCE:4332:prostate\_MPM2000-004P1Novel007-2-Table1  
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GTTTAAACAGGTGAGAGTTTATCTCATGTAATAGGAAGTCCAGGACATTGGAAAAGGAAG  
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CTGCTACATTGCCATGACTCAAGTTTTTCATTCCAGGCAGGAAGAAGGAGAGAGAAC  
>SEQUENCE:4333:prostate\_MPM2000-004P1Novel007-2-Table1  
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TAACATAATCAAAATGTTTTTAAATAAATCTATGTAATGAGAGGTGACCAGCAAGCCTG  
TATCTATGCCAGAGTGTGGTAGAAGAGAAGAAGGCACTCTCACTGAATTTTATAAGTATA  
CTGAAGTCACCTAACCTCTTAGTAGACATGGCTCTTGCCAAAGAATACCACGGAAAGAGC  
TCTTCTCTTCCATGACATCCTCACCATATCCTGTTCTTAGGTCACTGCCAACCAATAAAG  
CAAAGCTCCCAGCAAGTTGACAAAAAGAAGGGGGAGGTCTGGGGGAAAAGGGGAGGAGAC  
GAAGGACAAGAGCAGA  
>SEQUENCE:4334:prostate\_MPM2000-004P1Novel007-2-Table1  
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TAGTCCATTTTACACTGTTGTAAAGACACTACCCACACTGGGTAAATTTACAAAGGGAA  
GGTGTTTAATTAATTCACAGTTCTGCATCGCTGGGGAGGCCTCAGGAACTTACAGTCAT  
GGTGAAGGCAAGACAGAAGCAGGCACCTTTTTTCACAAGGTGGCAGGAGAGAGAAGTGA  
GTGCNCTGAATAAAAAAAAAAAAAACCACCTACTCTTAAACCATCAGATCTCCTAAGAAT  
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CCCTCTG  
>SEQUENCE:4335:prostate\_MPM2000-004P1Novel007-2-Table1  
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ATCGAGCTCCAATTACGAGCATCCTTACGCTCAGGAAGCCTCTATCCCAATGGGCCAGTC  
CCAGAGGTGAGGGGGTATAGCCCGATAGGAAATGGGACCTGATGAATATGAAGAGATGGA  
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>SEQUENCE:4336:prostate\_MPM2000-004P1Novel007-2-Table1  
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TCTGTGTTTGTAAAGACAGTTCTATTTAGCAGGACCATGCTGATTATACCAAGAGATAAGC  
CCCACAGAATGTAAGGGTGATCACTTCACCAACATGGGCATGGCATTGCAATGTTCTAG  
TATTTACCTCACAGAACAGCACAGATCTCACAATCACTTCGTTAATAGCAGCGGATTC  
CTCAAGACATACAGTCCGCGGTATGCATGATCCTGAGTAAGAGGTTGACTTTAATTTTTT  
CAGCCTTGAAAATAAGAAAAGTTAAATGCTCACGTATATAATTGGTTCAATTA  
>SEQUENCE:4337:prostate\_MPM2000-004P1Novel007-2-Table1  
ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGAGGTACACTAG  
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TCCCAGTAACATCTTAATGTTATGGTCCTAATAGGGTTGCTTTGGCCCTGCTCTTCATAG  
AAGAGCCCANAAAGATAAGGGAAGAGGAACCACTACCCACTTTAATGCCTCAGCCTCCCT  
CAGCCTTGCCGTCCTGGCTAAAGATACCAAAGAGGAGACGGAGGTTTTCTCCCCCTCC  
CCCCAATGAACTGGGAAGAAGACAAGCGATATACTACAGTTATGGGACCCTGCCTTAGGC  
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>SEQUENCE:4338:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTT  
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GGGGGTCAATTGAAAGACCGTGGGAAACCCGGATGAAAGTTTTTACATGTCACACACTACA  
TTTTTCAATATTTTACCAGGACTTCCGCAATGGGGCTTCTTTTTTGAAGGGACATTTG  
ATCCGGGCATTTTTTCACTCCTAACTTGGGTGCAACAGCTTCCGGGGGGGCATCAAATTT  
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>SEQUENCE:4339:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTCATTTAATTTT  
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TTCAAATGCCCTTCCCAGAGCCTGCCAGCCTGGAGGAGCTCCCAGAGGTCTACCCAGAA  
GGACCCAGTTCCTTACCAGCCTCCCTTTCTCTGTGAGTGGGGACGTCATCAGCCAAGCTG  
GAAGCCATTAACTGAACATAATTCGTTTTGACCACATATATACCAAGCCCCTAGTCTTAGAG  
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>SEQUENCE:4340:prostate\_MPM2000-004P1Novel007-2-Table1

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ACCTGTATTCATGCAACACTTTTCTTACTGGATTCCCAAACCTCTTATATCTTTCTCCAC  
TCCATATTACAAATTAATTTTCTATGACACAATTTTTTTAAATCAAACTTCAATTTTAC  
TCTCTTTTACTCAGTATTTAAACCTCAAACCTACAGCAACTGGTAATTTTAACACCTTTCC  
TAGAAAGTCCTAACAAATCTTACCTCCCACATGGGAAGGAGGGCCAACCTGTTAAACTCA  
CTGTCCCAAGAATCCCGCGTACCTGCCCGGGCGGCCGCTCTAGAACTAGTGGATCCCCCG  
GGCTGCAGGAATTCGATATCAAGCTTATCGATA

>SEQUENCE:4341:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTT  
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CAGAAATAAATTAGAAGGCCAAGCGTGGTGGCATGTGCCTGTAGTCCTAGTTGCTGAGGT  
AAGAGGATTGCTTGAGCCCAGGAGTTCAAGGCTGCAGCAAGCTTTGATTGCGCCACTGCA  
CTCCAGCCTTGGCGACAGACTAAGACGCTGNTCTCAAAAAAAAAACAAAACGACAAAAT  
AAAAAACAAAACAGTAAAAAAATATACTAAGGGCAATTGACACTTCCCTGGGCAAAAT

>SEQUENCE:4342:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGTCCACAACAC  
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ATTCAAAAGGAATATTTGACAATGAAACGTCTAATATTTATAGAATATTCTCTGGAATCC  
TTTCTATAATAATTATGCAAAACCATTATAAAATTATATACAGGCAAGGGTAATTACT  
CAAATCTAAAGTGCCATCACACATTTAAAAAGCCCTGACAATTACTATGACATTCCAGAT  
CATAAGATGCTTCACAATTTAAGACATGGTAGGCATGTGAAGAAGTTGAATCCATGAAAT  
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>SEQUENCE:4343:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGCAGTAGC  
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TCCCCTCTTCAAAACAAAAAATGGATTTATACGGAAAAAGGGTTAATTTACTTGGGGTTT  
ATCAGCACACCATTTTTTAAATGTGCTTTGAAAGAATTAAAAACCATGAACTGTATTCACT  
GAATACCGGTCCATAGTTATATTTTTTCTTTTAACTGGCTTAAATACATACATCATGAC  
TTTCTATTAAATTCCTTAAATCTATGG

>SEQUENCE:4344:prostate\_MPM2000-004P1Novel007-2-Table1

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CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTATTTAAATGTT  
TATAAGGCAGATCTATGAGAATGATAGAAAACATGGTGTGTAATTTGATAGCAATATTTT  
GGAGATTACAGAGTTTTAGTAATTACCAATTACACAGTTAAAAAGAAGATAATATATTCC  
AAGCAGATACAAAATATCTAATGAAAGATCAAGGCAGGAAAATGAGTATAACTAATTGAC  
AATGGAAAATCAATTTTAATGTGAATTGCGCATTATCCTTTAAAAGCTTTCAAAGAAAG  
AATTATTGCAGTCTAGTTAATTCAGACAGTGTTAAATGGTATCAGGATAAAGAAGTGAAG  
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>SEQUENCE:4345:prostate\_MPM2000-004P1Novel007-2-Table1

CTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGACCTCA  
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GCTGCCGCCCCCGCAAGGCTTCGCCGTGTCGAGGCCATTTCCAGCGACTTGTCGCACGC  
TTTTCTATATACTTCGTTCCCCGCCAACCGCAACCATTGACGCCATGTCGGGTTATTGCA  
GTGACCGAGACCGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTGATA  
TCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAGCTTTTGTTCCCTT  
TAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAAT  
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>SEQUENCE:4346:prostate\_MPM2000-004P1Novel007-2-Table1

ATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTT  
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CCCCCCCCAAAGGCCAAATCCAAAAAAAACCCCGGGGCCAAAAAACGCCCCCCCCCAA  
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AAAAGGAAAAAATCCCCCCCC

>SEQUENCE:4347:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTT  
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AGAGAAAATTGAGGATATCAGATGGAACCTTACTCAAACCTCCTGCCACATTTGCACA  
CCTTCCCTTCTT

>SEQUENCE:4348:prostate\_MPM2000-004P1Novel007-2-Table1

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TTTTTTTAAAAAAGTTTCAAAAAGGGTTTATAAAATTGAGTTACAAACATGCTAGCTAT  
TCCACAAAAAAGTGTCCTTTTTTTTACCCGGACATGCAACTTGACTACATTTCCAGTCTT  
CCTTGTAGTTAGGGGCAGTCATATGACAAAGTTTTGGCCAATGGAATGGGGCCAAAGGT  
TTGAGGCCTTTTAAAAACTGGCCCCATAAGCCCCTCCCACTCAGAAGCCTTAATTCTCAT  
CCATGTCTCTCCGAGAAATGGGGAAA

>SEQUENCE:4349:prostate\_MPM2000-004P1Novel007-2-Table1

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGTCTTCATTA  
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ACACCATTAACAAGAAAATAAAATTATGAGATATTCATAATAATCACTACATATGCAC  
CACAGTGATTAAAAATTTTTTAAGTTAAGCCACGTGACCCAACAAGGTGCATTCACTCA  
AGAGAAACGCAAATATATGTCCACTCAAAGACTTGACATGAATGTTGAGAGCAGGTTTA  
TACTGAATAGCGCAATGTGAAAAAACCCCAAATCTAGCAAAGGATGAAGGGAGAAATAA  
ACTGTGGTATATACATAACAATAGAACACTACTCAATAATAAAAAGGATTATATTCCTGAT  
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>SEQUENCE:4350:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATTGGCAGACTCGT  
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TAAGGGGTCTACATGAAAAAGTCATAATAGATCAAGTAAGCGTGAGAAACATGACTGGGG  
GCTACATACATCAGCTAACAGAACAAAAAGTTTTACAGTATTTTCTCATACAGTGTCTGG  
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>SEQUENCE:4351:prostate\_MPM2000-004P1Novel007-2-Table1

TACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGAGGTACCAGATCAT

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GAAGTCAAAAAGGGTGAAGTCCAGTTTGAACCAGGCAGCCTAAGTCCAGACACATGGCAT  
TTGGCCAGTCCTCTCCCTGCATCCAACCTGCCCTCTCAAATCCTTGTCACCTCAGGCCGAT  
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GGTGCCACAATCACTGTGTCAAGTATAGAAAGGGCAGCTGAGATCACATCAAAGATTCCA  
GAAAGAATTGGCACAGGATCATTGGGATGCATCTCTCCCTTGCCCCTGTTCTTGGCTTT  
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>SEQUENCE:4352:prostate\_MPM2000-004P1Novel007-2-Table1

TACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACTTTTTT  
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AGCATCCTAAATCTTGGGCAATAACAAATCTAAGATCCTAAGATCATGATATTAAAGT  
AGGAAAAAAGTAATTAGACTAACTGGGCGCGGTGGCTCACGCCTGTAATCAATCCCAGC  
ACTTTGGGAGGCAGAGATGGGTGGATCACCTGACGTCGGGAGTTTGAGACCAGCCTGACC  
AACATGGAGAAACCCCATCTTTACTAAACTACAAAATTAGCCGGGCGTGGTGCCACATG  
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>SEQUENCE:4353:prostate\_MPM2000-004P1Novel007-2-Table1

ATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTAGGG  
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TTATTAAAGTGTGTCCAAAGCGCTTATAAATAAAGCATCTTCGAGGCAGGCGGCTCACTT  
GAGGTTAGGAGGAAAGCAGACTGGCCAACATGGTGAAACCCCGTCTCTGTGGTCCCAGCT  
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>SEQUENCE:4354:prostate\_MPM2000-004P1Novel007-2-Table1

ATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATGAAT  
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AGCTTTGCCCTAGGTCATGAGGACAGAGGGGTTCCCAACAGTTTGGTGGTCAGCAGATTG  
TCAGAGGGGTGAAGGGAGCAGAGCAGCATTCCACCTTTTTTTGAACGGAGTCTTGCTCT  
GTTGCCCAGGCTGGGGTGCAGTGGCATGATCTTGGCCCACTGCAACTTCCACCTCCCCGG  
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>SEQUENCE:4355:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACGCGGGGGAT  
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TCTCAGTGTAGACCCTTGTCTGAGACCGAGCTATGTGGGGCGACCTCTGGCTCCTCCCGC  
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TTAGGCACCTTAAGACCAAGCCATCGGATGAGGAGATGCTGTTTCATCTATGGCCACTACA  
AACAAGCAACTGTGGGCGACATAAATACAGAACGGCCCGGGATGTTGGACTTCACGGGCA  
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>SEQUENCE:4356:prostate\_MPM2000-004P1Novel007-2-Table1

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CTCCAGCCTGGTGACAGAGCAAGACTCCGGCTCTTAAAAAAAAAAAAAAAAAAAAAAAAA  
GAGAGAGAGAGAGAATAAATAGAAAAGAATGTGGCTGGGAATTGTGAATCAAAGATTAT  
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>SEQUENCE:4357:prostate\_MPM2000-004P1Novel007-2-Table1

GCCGCCCGGCCAGGTGGAGAAGGACAGCTGCTTTTTTATATAGATTAAAAGAAATCTCAA  
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CGGTGGCTCACACCTGTAATCCCAGCACTCTGGGAGGCTGAGGCAGGCGGATCATGAAGT  
TAGGAGTTTGAGACCAGCCTGGCCAACATGGTGAAACCCCTCGCCTCTACTAAAAATACAA  
AAATTAGCCAAGTGTGGTGGTGCATGCCTGTAATCCCACCTACTCGGGAGGCTGAGGCAG



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GAGAATTGCTTGAATCCAGGAGGCGGAGGTTGCAGTGAGCCGAGATCATGCCACTGCACT  
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>SEQUENCE:4358:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGGCGGCCGCCCGGCCAGGTCCAGC  
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ATTGAGCACTATAATTTGTGGCTTTCCGGAGGGGGGAGCCTTGGTGGTCAGGTGGAGGAGG  
CAGGCCACATTCCAAAAGTGGAGTGGTAGGTGTTCCAGACAGAGTGCTGATTCAAGAGTG  
AGTAGGGGTGTAGGGTGAAAGTTGGCTACTAATTCAAGCCTCACCTGAGGCAGTGTTGTC  
TCAAAACAGAAAANGTGCCCTCNTCTAATTAGGCTGCGCCCCCATATGCGCCTTTAGATT  
AATG

>SEQUENCE:4359:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGGCGGCCGAGGTACCAAGGCAATGTAACCTT  
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>SEQUENCE:4360:prostate\_MPM2000-004P1Novel007-2-Table1

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AGATGGACCAGGACTCGCTCAGCAGCAGCCTGAAAACCTTGCTACAAGTATCTCAATCAGA  
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>SEQUENCE:4361:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:4362:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:4363:prostate\_MPM2000-004P1Novel007-2-Table1

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TGAAGTAGGTGATCTTTTCTTGGTTTGTCTCCTAGACTCTTCCATTTTAACTTATATTTT  
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>SEQUENCE:4364:prostate\_MPM2000-004P1Novel007-2-Table1

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TGTGATTTTATAACTACATCATTAAAATTCATCTTGCCTTTGGGGAGCTTACAATTTAAT  
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GCTTTGAGGAAAATGGGCTTTGGATGATTATTTTATGTTTTAGGGACCCCCAACCTCAGG  
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>SEQUENCE:4372:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:4373:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:4375:prostate\_MPM2000-004P1Novel007-2-Table1

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CTCAGGGCCGGTAGTTGCCATGGTCTGGGAGGGGCTGAATGTGGTGAAGACGGGCGGAGT  
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>SEQUENCE:4376:prostate\_MPM2000-004P1Novel007-2-Table1

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TAGTTGTCTTTTGTTTACAATAGAGAATCAACGTTTTTTTTTTTACTACTTATAGTTTAG  
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>SEQUENCE:4377:prostate\_MPM2000-004P1Novel007-2-Table1

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CTGGGACTACAGGCGCGCGCCACCACGCCCAGTAAGAGGAAATAACTCTACATTCAAATT  
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>SEQUENCE:4378:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:4379:prostate\_MPM2000-004P1Novel007-2-Table1  
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TAGATA  
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>SEQUENCE:4394:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:4397:prostate\_MPM2000-004P1Novel007-2-Table1

GACTCACTATATGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACTTA  
GCTTTTATCAAATATATAAGTATTTGATAAAATACTCACGTAAGTTACAGGAAACACTTC  
CGCATATGTTGTATAATCAAGGTCACTGTCTACTTTGTAATTCAGTGACTATTAAGTTCC  
CAATAGAAAATGAAAGAATTGCTGGGTTCTACTTTCTGATAAGAACAGTTCCTTGATTT  
CCCCTTTTTTCTTGGTTGTCAGGAAGCTCCACAGAAAAGTCTGTCTAATCACAGCAACCG  
TAATAATTATCATGGCTTAGAAATTCATTTCTTCAATCTAAGATCATAATTTTCTATTTT  
CATTTTATAAACCAGATTGTTATTTGAAGCAGCTTCAAATCTGTTTGAAAAAGAGCTGCT  
AAGATGATGCAATGTCTGTGCTGAACCAAAAAGATATTAATAAATTTTACAAAGCAAGC  
TTTTACTGAATACCAGCTAAGTGGTATATAAATAAAACAAATTAAGATTAAACCTTGAA  
CTTGCCAATCTAGTCATCTTTTTTAAAAAACTACTTTGTAGCATTAGACTCCTGTGACTGA  
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>SEQUENCE:4398:prostate\_MPM2000-004P1Novel007-2-Table1

ACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGACAATAT  
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CCTGAGTTGTTATAATCAGAAGTTCTCTACAGTTTTAATTGGAAGTTTGGGATATGGCAT  
ACTT

>SEQUENCE:4399:prostate\_MPM2000-004P1Novel007-2-Table1

CGACTCACGTATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCC  
GGGCAGGTACTTATTTTTTTTTTATTTTTTTTTTGGCCGGGGATGATCCACAATTTAAC  
AAGTTTAATTACATATCAAGTTTTGTTATCAAGTTCTATACACTTTACAATCAATTAGAT



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GTTAATTCTTTTATAGAAATCTTATATCAGAATCAAGTTATTGGCTCTCCTACAGATTG  
CCTGTCCCAGAGAACTCCTAGCTTTGCAACTTAATAACTGTGTAACGCAGAAGTCACTTA  
AAATCTCTGGCATCCAAATTTCTACAAGGTTGCTATAAGGATCAAACAAGAAGATGTGG  
TGAAAGCAAAGAAGCACCATGCCTTGCAATTTATTAGAAATTCAATAAAAAGCTGAATTCA  
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>SEQUENCE:4400:prostate\_MPM2000-004P1Novel007-2-Table1

CGCGCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCG  
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CACACGCCCCCTCCAGCAGCTGAATTCCTGCAGCTCAGCAGCCGCCGCCAGAGCAGGAC  
GAACCGCAATCGCAAGGCACCTCTGAGAACTTCAGGTAGGAGAAAAGCAAACCTCCCTCCA  
ACCTCTTACTTCGGGCTTAAGGCAGAGAACTCGCCTCCCCAGAATCTCCTCCCTCCATGA  
TCCCCCGCTATTCTCTATTTTCTTTTCCGCGGACCTGCAGCCTTGGGTGCGACCCTGCCC  
TAGGGGTGACTGCAGGAGAGCAGGGAGGATGGTCAGGCGTCACCAACAACCCCATCACCC  
AGTAACAAGAACCTTGACTCTCTCAGTCCCTCTGCATCAAGACACTTACCCATTTCCCAC  
CTCATGCCTGCTAACTTGAATGAAACAATCGCTGGGAAAGCATTAAAGAGAATTAAGGCTG  
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>SEQUENCE:4401:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGATGTGGGAAGACCTTT  
ATATTTGGTTTCTACCTTACTGAACACCAGAGAATTTACACTGGTGAAAAGCCCTATTAA  
TGTAAGAATGTGGAAGGCCTTTATTCGTAGAGGGAATCTTAAAGAACATCTGAAAATTC  
AT

>SEQUENCE:4402:prostate\_MPM2000-004P1Novel007-2-Table1

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GGAAGTGGACTACAAAGGGAATAGACAGGGTGTGGCAGGAGGGGGTTCCTCACGGTTGGA  
GTGCGAGGTTAGGGACAGGAATAGAAGGTAGGTAATAAACATTCATGTGGTATTAACCTTA  
GGGCAGATGTGTCAATGTATTTCCAAGTTTAGCATAATATAGGTATAAAAATTAATAAAA  
AAGTTTATATGTGTGTGTATATATGGGTTAATACACAACACATACCTCCTAGAGTCATTA  
CCTGAGAGGTTCTACAAGANAAGACAGCAAATTAACAAAAAATACACCCAGAATCAAGAT  
TTGAGTTTTGGTTCCCTTTCATAGCAGAATGGTATGCAACATTTCTTGAAAAATGGCTAA  
TCCTAGGGCTTGGAAGAGAAATATAGGAGTAAAGTCTACAATTTCTCATGGTACCTGCC  
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>SEQUENCE:4403:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGG  
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GGCATCTAACCAAAGCGGTAGAAGAAACAAAGCTTTCAAAGAAAATCAGACAAGAGCAA  
AAGAATCTGATTTTTCAAATACTCTGAGTCCAAGCAAGGAAAAAGCAGTGACGACACTA  
CAGACGCCCAAATGGATGAGCAAGACCTAAATGAGCCTCTTGCCAAAGTGTCCCTTTTAA  
AAGATGACTTGCAGGGTGCACAGTCAGAAATTGAGGCAAAGCAAGAAATACGGCATCTTC  
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TTCAAGCTCT

>SEQUENCE:4404:prostate\_MPM2000-004P1Novel007-2-Table1

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CATGCCTGGAAACACCCACAGGAAAATTACCAGTTTTGAGCTTGCTCAACTGCAAGAAAA  
ACTGAAGGAGACAGAAGCAGCCATGGAAAAATTAATCAACAGAGTGGGACCTAATGGTGA  
GAGAGCACAGACTGTGACTTCTGACCAAGAGAAACGGTTGCTACATCAGCTCCGAGAAAT  
CACCAGGGTCATGAAAGAAGGAAAATTCATTGACAGATTTTCTCCAGAGAAAGAAGCTGA  
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>SEQUENCE:4405:prostate\_MPM2000-004P1Novel007-2-Table1

TACACTCACTTAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGTGAATGTT

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TGCCTAGAAGTCCTGTTCCCTATATAATAATACTTTGATAATCATTTCAAATGCCAACCC  
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TTTTAGCTTTATCTTCAAGCCAGGATGAAGGGAGACTGGGCAAGACTCTTACGCCCCACA  
CTGCAATTTGGTCTTGTTGCCGTATCCATTTATGTGGGCCTTTCTCGAGTTTCTGATTAT  
AAACACCACTGGAGCGATGTGTTGACTGGACTCATTGAGGGAGCTCTGGTTGCAATATTA  
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>SEQUENCE:4406:prostate\_MPM2000-004P1Novel007-2-Table1  
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GGTCTACAGGTAGATACCTGATCCAACTATGACAACCACAATATTCCAGCCCTTGACAA  
TGATTGACTCTTCCAGGACGGGCACTTAACTCAAGCTAGGCCAATCATAGTCATTTCTCA  
ACTAGATCCTGCCCCACTGGTCATAGCTAATTGGTGCAGGACTGGAAGTGGATGCAAGCT  
GACTCTCTGGATTGAGAACTAGAGGTGAGACCATTCCTGTCCCATGTCTGAAACTGAAA  
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TCAG  
>SEQUENCE:4407:prostate\_MPM2000-004P1Novel007-2-Table1  
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CATGCCCGGCTAATTTTTGTAATTTTAGTAGAGACAGGGTTTCACCATGTTGCCCAGGCT  
GGTTTCGAACTCCCGACCTCAGGTGATCCACCCGCTCGGCCTCCCAAAGTGCTGGGATT  
ACAGGCTTGAGCCCCCGCGCCAGCCATCAAAATGCTTTTTATTTCTGCATATGTTGAAT  
ACTTTTTACAATTTAAAAAATGATCTGTTTTGAAGGCAAAATTGCAAATCTTGAAATTAA  
GAAGGCAAAATGTAAAGGAGTCAAACTATAAATCAAGTATTTGNGGAAGTGAAGACTG  
GA  
>SEQUENCE:4408:prostate\_MPM2000-004P1Novel007-2-Table1  
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GTGTCAATGATCAATGGGTCCTGCAATTAACATTAATTTTCGCAACTAGCTGCGTTTTTA  
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CGTTTTAAAAGTGGGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATGGATACC  
GGCGACCTCGGGGGGGGGGGCCCGGTCCCCAACTTTTGTTCCTTTAATGAGGGTTAATTG  
>SEQUENCE:4409:prostate\_MPM2000-004P1Novel007-2-Table1  
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CTCCTGACCTTGATCTGCCTGCCTTGGCCTCCCAAAGTGCTGGGATTACAGGCGTGAG  
CCACCGCACCCAGCCTATCATTTCTTAAGTGGGTAAACAAGAGGCAAGTCATCCAAAAAGA  
CAATGACACTACTGTTGTCATAGAGGAATAGTAAAACACAGAAAATGTAGTGTGCTCCA  
ATTCCTCTGAGTCAGCATTAAAGAGGAATTTTAGGTCATCAAGGACTTGTGGTATAGGCT  
GAAAAGTATGGCTTTGACTGGGGCAAAAAAAGGGAAAGCCAATATGCCAA  
>SEQUENCE:4410:prostate\_MPM2000-004P1Novel007-2-Table1  
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TCATCGTAGGTTCTGAGTTGCTCATTGTGGTTGCTCTTTGGACCAATAAAAATGGCAAGT  
ATGAGATGAACATGATAAAAGTATGTTTATATAACAGGAAGAAGCTGGGCGCGGTGCTCA  
TACCTGTAATCCCAGCACTTTGGGAGGCTGAGTTGGGTGGATCACGAGGTCAGGAGTTGCG  
AGACCAGCCTGACCAACATGGTGAACTAAAAATTCAAAAATTAGCTGGGC  
>SEQUENCE:4411:prostate\_MPM2000-004P1Novel007-2-Table1  
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T  
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GTGTCCTCTGTGTGTAGGCAGACGAAAACTAGCAGGAACAAGAGATAAGCGTTAAGGGA  
GAGAGACCTCGGGGGGCCAGGGAGGGGCAGGGGTACGGGAGTAGTATTGGAGCTGCACA  
A  
CCTGCTGCTTCTGCTGATCTTAGATTCTGAAAGGTGGAGAAGAGGGGAGAGACGCAATGA

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CTGGGGAGTCCTCCTACCTAAATGATCTGAATGATATGAATCCTTATGTGCCTCTACCTG  
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>SEQUENCE:4412:prostate\_MPM2000-004P1Novel007-2-Table1

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TCTTTTATCAGAAGGTTGGGGGTCTCCAGAAGGTTTCCCCACCAGGAATTGGATTTGAT  
GGCTGGAATTTAGAGCCTACACATTTGGGTCTCACAATCAGGGCAGGGCAGGTAAGGCTA  
ATGGTGCAAAGTGTGTCTCTGCACAGGCAGTCATCTAGGGGAAGGGGTGTGGTGCAGCCA  
GTAAACCTGGAACCTGCAAGTGGTTCAGAACTTTGGTGGCCAGTAAGGGAAAACTCCT  
CAAGCATGCTACAATATTGAAAGGTTCAAAGCACTGACAAAGTGTTGTTTTGCCCCCGG  
TGCAGCACATAAT

>SEQUENCE:4413:prostate\_MPM2000-004P1Novel007-2-Table1

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ACAAGTAGTGGGACTATAGGCACACAGCACCATGCCCATCTAAGTTTTTGTATTTTATGT  
AGAGACAAGGTTTACCATGTTGCCAGGCTGATCTTGAGCTCCTGAGCTCAAGTGATCT  
GCCACCTTGGACTCCCAAATGCTGGGATTATAGGCGTAAACCACCATGCCTGGCCTTA  
AATCAACTTTAGAGTCAACATCTCTTATCACTGGAGCTTCTGGAGAACTCCATCACGTG  
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CTATGATAT

>SEQUENCE:4414:prostate\_MPM2000-004P1Novel007-2-Table1

ACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGATCTTGGCTCACTG  
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TTACAGGCGCGTGCCACTGCGTCCGGCTAATTTTTGTATTTTATAGTAGAGATGGGGTTTC  
ACCATGTTGGCCAGGCTGATCTCAAACCTCCTGACCTCATGTGGTCCACCCACCTTGGCCT  
CCCAAAGTGCTGGGATTACAGGCGTGAGCCACCGCGCTCAGCCTACAAGCAATTTTTTAA  
AACTGACACCTATTACTGATAAAATTCTCTGTTTAAATCCTATTTACTATTTTAAAGA  
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TTTTCAATTGCCTTTTGCA

>SEQUENCE:4415:prostate\_MPM2000-004P1Novel007-2-Table1

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GTGTTTCAGCAAAGCCTGGGCAATTGGAATGCAGGGCTCCTAAGATTCCATGACACCCCT  
ACCTTCTAATTCTGTTATTGCAACTGCAGACGGTTACCTGGCACGCTGGCCACAATCTAC  
CTCACTCTTATCAGAGTCTGAGCAGTGCTTTCAGCTCTGAGTTGAGGCACCTCGAACCTT  
GTTTTTGTGGTGAAGGATCCTAAAGTGCTGTGGGGGAGTGATCACATTTTTCACAACATT  
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CACCAGTTTTTTA

>SEQUENCE:4416:prostate\_MPM2000-004P1Novel007-2-Table1

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A  
CCGTTGCAGCCTGAGGCTGTCAGGTCCTCCCCCAGACACCTGCGGACCCTCCCTCTCCTG  
GCTTCCCCGTCTGGTCATGGCGAGATTCTGGGTCTGCGTAGCCGGTGCTGGCTTCTTTCT  
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TGCAGTTTCCTGGAGAACTG

>SEQUENCE:4417:prostate\_MPM2000-004P1Novel007-2-Table1

AGCAGCTCCACCGCGGTGGCGGCCCGCCCGGGCAGGTACTTTTTTTTTTTTTTTTTTTT  
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CCACCATGCCTGACCACTGTTTTTCAATTCTTTTATCCTTTTT

>SEQUENCE:4419:prostate\_MPM2000-004P1Novel007-2-Table1

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GATTGAAAGAATTCTGACCAGTGGCTGGTCATTACATGCAGTGGCTCATGCCTGTAATCC



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AAGCACTTTGAGAGGCCAGGCGGGCGGATCACCTGAGGTCCGGAGTTCAAGACTAGCCT  
GACAAACATGGAGAAACCCCATCCCTACTAAAAATACAAAATTAGCTGGGCGTGGTGGCA  
CATGCCTGTAATCCTAGCTACTCAGGAGGCTGAAGCAGAATCACTTGAACCTGGGAGGCG  
GAGGTCGTGGTGGGCTGAGATCATGCCATTGCACTCCAGCCTGGGCAACAAGAGTGAAAC  
TCCA

>SEQUENCE:4420:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTATTTTAAAGAAAACA  
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TTTTCTAGACTTAATGTATTTATTTGCTTTAACAACAGCC

>SEQUENCE:4421:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACATATAT  
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AACTATTTTATTTAACTACTTCCCCAAGGATGTGGACCTTACACTTACTTTACAGCCAGC  
CTCAGAAAACCTTCCTAGTGGCAACTAAGGCTAGAGCAGCTTGTAAGTGGGCGGGAGGGGG  
CTCTTCCATTCTCACACGTGTGTGCATGAACCTTTCTCCTATCCTAAAGGCCCTTCGGG  
AAGAAGCTCTAACTGGTGATGAGAGCAAGGTTTGGGGGCCGCTACACTTCGGCAGTGCAG  
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GGTCTGGACC

>SEQUENCE:4422:prostate\_MPM2000-004P1Novel007-2-Table1

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GAATTGAACCA

>SEQUENCE:4423:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTT  
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GTGCAGTGGCATAACCACGGCTCACTGCAGCCTCAACCTCCTGGGCTCAAGTAATCCTCC  
CATCTCAGCTTCCTAAGAAGCTGGGACTACAGGTGCACACCACCACATGTGGCTAATTCT  
TGTTATTTTTGTAGAGACGGGATTTCACCATGTTGCCCGCCCAGTTTGTTCTTGAACCT  
CTGAGCTCAAGCAATTTGCCCACTTTGGCCCCACAAGGTGCTGGGATTACAGACATGAGC  
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>SEQUENCE:4424:prostate\_MPM2000-004P1Novel007-2-Table1

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CGGTCCGGGCCCTGGAAGGAACGCTCTCGGAATTGGCCGCGGAAACCGATCTGCCCGTTGT  
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>SEQUENCE:4425:prostate\_MPM2000-004P1Novel007-2-Table1

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AACTGTTCTTTATTTCTTTACATCAGAGACCTTGAATATTTAATTTACTTTTCAGTAAA  
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>SEQUENCE:4426:prostate\_MPM2000-004P1Novel007-2-Table1

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TCTGAACTATTCTCCCTCTCCCAAAAACACATACAGATACACACAAATTTATTTTGTGTG  
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ATTCTTTACCCAGATTCTCCAAATATTAACATCTTATCACATTATTTAACCCCTCCTTTTG  
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>SEQUENCE:4427:prostate\_MPM2000-004P1Novel007-2-Table1

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GGTCTCGATCTCCTGACCTCTTGATCCGCCACCTTGGCCTCCCAAAGTGCTGGGATTAC  
AGGCGTGAGCCACCCATCCGGCCTAACGAGACTTATTTTTACTCAACTAGATGGCGTTCA  
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CAAGACATTCTCTGTCATCAGGGAACCTCACAGCCTAGTTTGAGAGATAAACAAATGAACA  
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>SEQUENCE:4428:prostate\_MPM2000-004P1Novel007-2-Table1

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CTTCCCTATCAGCCAGAGATATGTGGAGAGCTTATCGTAGCCCTTCTATGGCTCTCTTAT  
TTTCAAGGTCTTCCCATTAGTTTCTGGCAGGTCCACCATCTACTCCAACAGGCACTGCA  
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>SEQUENCE:4429:prostate\_MPM2000-004P1Novel007-2-Table1

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TAAAGAGGTCCATATCCAGGCTAACTCTAGAAATTTATTCTCAAACCTTATTTGGCCTC  
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>SEQUENCE:4430:prostate\_MPM2000-004P1Novel007-2-Table1

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CTCACCTCAAGGGTGTATCAAGGGTTTATGTAAAGCTAAATTTGTAGAAAGCAGTTAGCAC  
AGTGCCAGGAAGGATCCAAGAAGAAATGGTACGCGGGCATTGAAAAGAAAAATACTCAAC  
TAATTATTGAGTGCCCACTGTGTATAAAATGTTAGTATCCACGAATTCTGAAAATTCTGT  
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>SEQUENCE:4431:prostate\_MPM2000-004P1Novel007-2-Table1

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GAACTTCATGGGAGAAATCAAATTACCTTCTCCTAAATCATCAGTTAAATGACAAGATA  
TGTCTACTATATCTTTAAGAATTTAAAGTTAATATATTAACCTAGATATCCCAAATCC  
ACATTTTCCAAGTTAATATGCATTAAATTACTTACACGGATGGATGCTCAACCTTGTGAA  
CACACTAAAAAATATTGAATTGCCCACTTTAAAGAGGATAAATTTTGGCCGGGCGCAGTG  
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GTTTCGAGACCAGCCTGGCCAATATG

>SEQUENCE:4432:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:4433:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAATGGCATGATCT  
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TAGCTGGGATTACAGGCACCCACCTTCATGCCTGACTGATTTTTTGTATTTTATAGTAGAG  
ACAGGGTTTTACCATGTTGGCCAGGCTGGTCTCGAACTCCTGACCTTGGGTGATCCACCT  
CCCTCGGGCTCCCAAAGTGCTGGGATTACAGGCATGAGCCACCACACCCGGCTGGAAGTT

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TGTTTTTTGGACAAGCCATAGTTTTTGTCTCCAGGATATATCACTGTCTACTTTTTTAAA  
GCTCTGTTTATTTGAATTCAAAAAAAAAAAAAAAAAAAAAAAAAAGTACCTGCCCGGGCGG  
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>SEQUENCE:4434:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:4435:prostate\_MPM2000-004P1Novel007-2-Table1  
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ACTTTGTGAACAAGTGAAGAAAAGTGTCTTTTTTTTTATCATCTGTCATGCTGGGTGTTA  
CCCATCCAAACCTTGCAAGTCAACAAAGTGTGAACAGAAAATTTTTTGAGAAAGAAGCTT  
GTCTGTGATATCCAGAGGGAATGTTTTAATTGACTTAATTTTCATTTTCTAGCTCTCGTC  
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>SEQUENCE:4436:prostate\_MPM2000-004P1Novel007-2-Table1  
CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTGGGATTACAGGC  
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GACCAAAAATTTTAAAAATCGTCGTTTTGAAGTGTTGTCTTCTTATTCTACATAACGA  
CGACGAACCATTTCTTAGTTGGATTGTGACGTTTGACAAAAAGTGTATTTTATACAACAA  
CAGTGATGACCAGCTCAGTGGTTGGACCGAGAAGATGCTCCAAAGCACTTCCTGAAGCCA  
AACTTTCATCAAAAAGAGGTCAGGGTCACTGTTTGGTGGTCTGCTCCTGGTCTGATCCGC  
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GAGGTGCACCGAAAAGTGCAGGGCCTGCAGCTGGCACTGGTCCACAGAA  
>SEQUENCE:4437:prostate\_MPM2000-004P1Novel007-2-Table1  
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AGCTTTGTAAATTTTAAGAAAAACATTCATAGATCATAAACAAAAATTTCAATATGCAAT  
ATTCAAATTTACAAGAAAATAAGCTCAAACCTTTTAGACAGTGCAGTTTTTGTCTGCACTCC  
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>SEQUENCE:4438:prostate\_MPM2000-004P1Novel007-2-Table1  
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CCTACCTAAGCGATGAAATCCAAAGGTGAATCTTTTGGATGGTGATTTTGTATGATAGCCA  
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CCTTAGGTTGGCAGCCCACTGGAGGATACAAGAATGAGTTTTTGGGATCTTCCTT  
>SEQUENCE:4439:prostate\_MPM2000-004P1Novel007-2-Table1  
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TCAACATCAACTATAAATGAGCCGCCGATGTATAGGAAAGGGACTGTGTTGATATGGC  
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AAAGATGGCAGTGACCCGGACAGGACAAAGCCAGGGCCCTTGCCT  
>SEQUENCE:4440:prostate\_MPM2000-004P1Novel007-2-Table1  
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GAAAGCGATTCGTGTAAGTTTAAACCTGCGGCCACCCTGCGTGCCCTCGGTGAACACTGTC  
TGGTGCAAAGGAGGTATACGAAATGTGTTTGTGAATTGATCCAAGCCATTATCAGCACT  
TCAGTGGGCTGGGAGGACATGAAAATAGCTGCATGGTGAAGTGGTGTGCTGGTGCCTG  
TCCTGTCCCCTGCCTCTGCCAGCTCTCTCATGACATTCCTTAGGCAACCTGGCCCGTTTG  
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GGACAACCT  
>SEQUENCE:4441:prostate\_MPM2000-004P1Novel007-2-Table1  
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ATTTTCTTAAGAATTCTATTCTCTATGTCTCTATGTAGGAGAGGAAAATGTTTCTTTTC  
TTACCCATCAGTTCGGGGTGGGATCCCTATACAAAGACGATGGCAGAGAAAGCCTTTAAA  
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CAGGGAAATGGGTCTATTTTTATGCTTAGGTCTGACGAAGACCAGAGAGTTATGGGGAAG  
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>SEQUENCE:4442:prostate\_MPM2000-004P1Novel007-2-Table1  
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AAAGTAAGCAGAAGGAGGATAACCACATATTTGGCAGGCAGGACAAAGCATCGACTGAAT  
GTGTCAAATTTTACATTCATGCAATTGGAATTGGGAAGTGTAAGAAGGATTGTTAAAT  
GTGGGAAGCTTCACAAAAGGGGCGCAAACTCTGTGTTTATGCTTTCAAAGGAGAAACCA  
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>SEQUENCE:4443:prostate\_MPM2000-004P1Novel007-2-Table1  
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CACCACCCGCAGGCTCTCCCCTTCCCGGTGGAGACGAGGGAATGAGAAAAGAAATAAAGA  
CAAAGACACAAAGTTTAAGAGTTAACAAAAGTGGGTTCAAGGATCCATCGCAACGTGGAG  
ATTGC  
>SEQUENCE:4444:prostate\_MPM2000-004P1Novel007-2-Table1  
CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACCGGGCCTT  
G  
TGCCAAACACCTTAGATGGGTTATCTCTGAACCTTCACATCAGTCATATGAGGTGGGTAAT  
ATCATTATCTACATTTTACAAGTATGGAACTGGGGATTACTGAGGTATTTGCCCAAGG  
GTAACACAGATGGTAGATTCTGGAGCCAGAGTTGGAACTGGGTAGTTTGCTCCAGACCC  
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>SEQUENCE:4445:prostate\_MPM2000-004P1Novel007-2-Table1  
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AAATTGGTATCAGGGTTTCAAATCTTAATTACTTTCAACTTGATGAGCATGTTTACATGG  
GGGATGAATTACAACCTTTTTTTTTTCTTTTACCTATTATAATAAATAAATGGAGCGCA  
TGAAATAGTTCTTCTAAACAAAAATACCTACAAACATACCTCTAAGCATGTTCTCTAGTG  
AAGGGAACAAGAGACACTGGACAACCTTTGCACCTAAACATAAAAATTGCTTTAAAAAGC  
ACAA  
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TATGTATATACATATATGCATATGTATGTCTGTGTGTGTGTGTGAATATATATATGGG  
CCATATAAAGGGTGAAAAAGCATGTTTGAGAAACAATACCACAGGTGTGGCCAAGGGACC  
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>SEQUENCE:4447:prostate\_MPM2000-004P1Novel007-2-Table1  
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TAAACCGAACCCTTGAGGTAGAATACATAATTACATTTGGTTAAAGTTAAGGTCCTCATA  
GACCAATTTCCCCTGCCAATTGTTACTTTTCCCAAAAAAATGGTTGCCAAAAAGGTTCAA  
ACCTCAAACATTACCATTAAAGAAAAAACCAACCTATAGGCATATTAACACTAAACATAC

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CTAAAGAAAATTTCACTGACAATTCATAATCTGTATTCAATCATAT  
>SEQUENCE:4448:prostate\_MPM2000-004P1Novel007-2-Table1  
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GGATGGGCAGGAAAACAGATCCTGTTGTGGATATTTATTTGAACGGGATTACCGATTTGA  
AATGAAGTCACAAAGTGAGCATTACCAATGAGAGGAAAACAGACGAGAAAATCTTGATGG  
CTTCACAAGACATGCAACAAACAAAATGGAATACTGTGATGACATGAGGCAGCCAAGCTG  
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>SEQUENCE:4449:prostate\_MPM2000-004P1Novel007-2-Table1  
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AAAGGATTATAGTGCAATCTTATGTTGAAAGAAATGAACTACCTCACTTTAGTA  
>SEQUENCE:4450:prostate\_MPM2000-004P1Novel007-2-Table1  
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CCTGCCTTAGCCCCACAAGTAGTGGGACTATAGGCACACAGCACCATGCCATCTAAGTT  
TTTGTATTTTAAGGTAGAAACAAAGGTTTAACCATGTGGCCAGGCTGATCTTGAGCTCC  
TGAGCTCAAGTGATCTGCCACCTTGGACTCCCAAATGCTGGGATTATAGGCGTAAACC  
ACCATGCCTGGCCTTAAATCAACTTTAGAGTCAACATCTCTTATCACTGGAGCTTCTGGA  
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AGCACCATTAACCAACAATCAGTGATGCAGAATGAGGCTATTGAACAAGTAAGGGCTATT  
TGGCCTAGGCCCTGGGGAAAAAATTCAGGACCCAGGAACAGCTTTCCCTATTAATTCAATT  
AGACAAGGCTCTAAAGAGCCATATCCTGACTTTGTGGCAAGATTACAAGATGCTGCTCAA  
AAGTCTATTACAGATGACAATGCCCGAAAAGTTATTGTAGAATTAATGGCCTATGAAAAT  
GCAATCCAGAATGTCAGTCGGCCATAAAGCCATTAAGGAAAAGTTCCAGCAGGAGTT  
>SEQUENCE:4452:prostate\_MPM2000-004P1Novel007-2-Table1  
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AAGAAGTGGAGGAAATCGTTTTCAATTTGACCAACAATGTGGATTTGGAGAACACTAAA  
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TGACGCGGGAGCAGGAGGAGTTGGAGGAAGCATTGGAGGTAGAACGCCAAGAACATGAGC  
AGCGACGGCTGTTTATACAAAAGGAAGAAGAGCTGCAGCAGGCTCTGAAAAGGAAGAACA  
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>SEQUENCE:4453:prostate\_MPM2000-004P1Novel007-2-Table1  
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TTTTTTGGACCAGAAGTGAGCTGGATCTTTTCTCTGGCTAAGGCTACAGTGAGGATGGA  
GGAAAAGGGGATGGTCTAATGGTCTTTTAGGAAGTGGCATGACGTGGGCTCTGAACGTGA  
AGTGGAAGGAACACAAAACATTCTGTTGATTAGGACCAATAAAAAACATGGGAAATTGC  
TTGGGACATGATATTTAACATTTATTAATTTTTGTGGGAACCAGTAAAATGTTCCCTTGG  
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TCTTAAATTCATCAC  
>SEQUENCE:4454:prostate\_MPM2000-004P1Novel007-2-Table1  
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AATTGTCCCCTCTTCAAAACAAAAAATGGATTTATACGGAAAAAGGGTTAATTTACTTGG  
GGTTTAACAGCACACCCTTTTTTAATGTGCTTTGAAGGAATTAACCAATGAAACTGTA  
TTCAGTGAATACCGGTACCATAGTTATATCTTTTCTTTAACGTTGGCTTAA  
>SEQUENCE:4455:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:4456:prostate\_MPM2000-004P1Novel007-2-Table1  
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TTTGCACCTGGAAACAAAATATGTAATTAAATTCCCATAGCTGCATGTAACATTGAATTC  
TTCCAGGGTAAAAAAAAAAGTTAATCCTGTGATATTAATGGAATGACATTTTGAGGTCT  
TGAGAATGGGCACAAAAGTGGGAAATGAATTCAGTATGGGCAAAGACACTGAGGATGAT  
GTTGATTAGATAATTCACCTCCGTAATGATCATGCTGTGTGCTAGTAAGTATAACCCTGGA  
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>SEQUENCE:4457:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:4458:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:4459:prostate\_MPM2000-004P1Novel007-2-Table1  
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CCTTCCGGGGCCCCGGCCAACCAACCCGGGCTAATTTTTTTCGTATTTTTTTAGTAGAG  
ACAGGGTTTCACTGTGTTAGCCAGGATGGTCTGGATCTCCTGACCTCAGGATCTGCCCGC  
CTTGGCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCGCGCCCGGCCCAAAAGCC  
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CA

>SEQUENCE:4460:prostate\_MPM2000-004P1Novel007-2-Table1  
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GGAAAATGATGAGTTTATGACAAAGGAAGTAGATAGTGTTTTACAAGAGCATAGAGTAGG  
GAAGCTAATCCAGCACAGGGAGGTCACAGAGACATCCCTAAGGAAGTGGAGTTTAACTG  
AGAGAAGCAAGTGCTTAACTGAAGGATGTGTTGAAGAAGAAGGGAGAGTAGAACAATT  
GGGCAGAGGGAACCTTATAGACCCTAAGGTGGGAAGGTTCAAAGAAGTGAAGAGAGCTA  
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AAGATTAAGATCTTGGTGGCATTCA

>SEQUENCE:4461:prostate\_MPM2000-004P1Novel007-2-Table1  
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ATTCCTAATCAGACTAATAAACAATAATGTCTTTTAAGGTAATGAGTTAGATGGCTGTGTT  
TAGGTTTTTGTTAGGATTTACTTTGGATTCTCCTGCTTTAAGACCCAAAGAAAGTTATAT  
TGAGTTTTTATTGATGATTCTATGTGTTTTTAACAGAGTGTGATAGGTGAATTAAACATA  
TTAAAAGAGTTCTATAGCATCTGTTCAAGAAAGATTATATACTATACAACTATTCAA

>SEQUENCE:4462:prostate\_MPM2000-004P1Novel007-2-Table1  
ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCGCACACAATTG  
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>SEQUENCE:4463:prostate\_MPM2000-004P1Novel007-2-Table1  
CCACAGCCTCTCCCCATCCCTCCAGCCTTATCTGTCATCACCATCAACCCCTCCCATGCA  
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>SEQUENCE:4464:prostate\_MPM2000-004P1Novel007-2-Table1  
CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACTT  
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AATTTTGTGATTAGGAAAATCTGGCTCTTATCCCACTGGAGGAAAAGTGTCTAGTTTCAT  
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>SEQUENCE:4465:prostate\_MPM2000-004P1Novel007-2-Table1



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CGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTT  
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GCATTTACACTCTTAAAAGATTTAACGCCATTACAATCAAAAAACACTTGTCATATATAA  
CACTTTTTCACATGGAAATAAATTGGTGGTTTAAGGTTTACAATTCCTTTGAATAAAATT  
TCAGTTATTAGTTACAAAATGCTAAGACAGATTGAGGTCTCAAAGAAAGAACTTGAGAAA  
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AACTTTTC

>SEQUENCE:4466:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTAC  
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ATATTATTTTGCCTTACAGTGGATCATTCTAGTAGGAAAGGACAATAAGATTTTTTATC  
AAAAAGTGGTCATGCCCATAAGAGAAGTTATATTCTTTTCTAATTTCTTCCCCACCCAAA  
AATAAGCTACCATATAGCTTATAAGTCTCAAATTTTTGCCTTTTACTAAAATGTGATTGT  
TTCTGTTTATTGTGTATGCTTCATCACCTATATTAGGCAAATTCATTTTTTCCCTTGTG  
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GAAT

>SEQUENCE:4467:prostate\_MPM2000-004P1Novel007-2-Table1

AATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGGCATTTCTCCC  
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TTAATTATCTCCATTTTCAACAGATGTGTGGGCCTCAGATGGTAAAGTCAGCAGCCTTTC  
TTATTTCTCACCTCTGTATCATCAGGTCCTTCCCACCATGCAGATCTTCTGCTCTCCCT  
CGGCTGCAGCCACACAAATCTCCCCTCTGTTTTCTCCCCGCGTACCTTGGCCGCTCTAGA  
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>SEQUENCE:4468:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGGCAGGTAC  
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GGAAAAGGGCCCAGGAGGAAGTGGCTAGACCTGACGCTAGGCACCAGGGGAGGCGGGGA  
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GGAGGGCAGAGGCAGGAGAGTTCACTGTGAGAGCTCGACAAGGAGTAGCTGCTGCCAAAC  
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>SEQUENCE:4469:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACTT  
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TGCTACCTAAAGCTGACTGTTTTCCAGTAAGAAGTCAGCAATATTACCACAGTTGGGACA  
CAAATTTTGAAACCTAACTATGTTTGCAAAGGACCAAAAAGGACCTAAAAAATAAAAGGA  
AAAGTGCACACTCAAAAAACTGTCATCAAATTTGTAGTTAGCTTGGAAATATTCTGTATT  
TTAACTTACTATTTTCTATGATCCAAAAACATCAATTATTTAACAAATAGGTTTATTTA  
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TTTAA

>SEQUENCE:4470:prostate\_MPM2000-004P1Novel007-2-Table1

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CCCCTCCCATGCACCTAAACAAAATCTAACTTGTAATTCCTTGAACATGTCAGGCATACA  
TTATTCCTTCTGCCTGAGAAGCTCTTCTTGTCTCTTAAATCTAGAATGATGTAAAGTTT  
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>SEQUENCE:4471:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACA

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>SEQUENCE:4513:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:4514:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:4515:prostate\_MPM2000-004P1Novel007-2-Table1  
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TGCGGCTTCTGAGAGTCTCACTCTGTCACCCAGGCTGGAGAGCAATTGCACAAACACTT  
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GTAACCATAACCCTTAGATTTGACTCTGAATGGCCCTTGTTGTCTCCTCAGCCCGAGTTGT  
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>SEQUENCE:4524:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:4527:prostate\_MPM2000-004P1Novel007-2-Table1

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CTCTTTCTTCTCCAACACTACCACCTCCTTGCCACAAGGTTTCTTCCCACCAGCATTTA  
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>SEQUENCE:4528:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:4529:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:4533:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:4534:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:4535:prostate\_MPM2000-004P1Novel007-2-Table1  
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TAAACCTTCTGAGTGTTATAACCTCATTTAATCTTTCAGCATTTACAGTTTCAAGAGTT  
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CCATGACAAAACCTATGAGATTGAATGATAATCATAGTAACATCTGACATATATTAATTT  
GGTGTTATGCCATTTCTCAGTTCCACCAAATGTACCTGCCCGGGCGGCCGCTCTAGAACT  
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>SEQUENCE:4549:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:4550:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTTAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTACATCA  
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TTTTCCCTTCATTTCTTATCTTTTCAGAGTTTCTTCTTCAAGGTCTCAAGGTCTGAAGCA  
TCCCACAGAATGATCCTACTGAATAACTCCCATAAGTTGCTGGCCCTATACAAATCCTTG  
GCCAGGAGCATCCCTGAGTCCCTGAAGGTCAGGGAACAGTGGGAGGTCAGGGTATGGGAT  
GNNGGGTGNTGAAGGATGAGAAAATAGCAGGCTTGTGATTCTAGTCCTTCCTGACTGTTT  
GCAGAGGGTTGGAGCTGGGAAACAGGATGGGACTGGGGGCACAGGCTGCATATCAAGAG  
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TGCTGCTTCTCTTTGGGA

>SEQUENCE:4551:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACTTCTGTGAGT  
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CACAACACCCAAGCCATTTCAAATACCTGGAAAGCCTTCCCAAGAAGGACAGCTACAAAC  
AAGCCCAGACTGCAAAGACTACAATAAGGACCTAATTATTCGGTGCCCAAACACCGGTGA  
CATCTGCAAGCATCAACATCATCCAGGAAAACAGCCTCACCAAATGAACTAGATAAGGCA  
TAAGGTGCCAGGGACTAATTCTGGAGAAACAGAGGTATGTGACAGAGAATTCAAATGGC  
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>SEQUENCE:4552:prostate\_MPM2000-004P1Novel007-2-Table1

GCTCCACCGCGGTGGCGGCCGAGGTGCTGTAAACTGCAGAGAGGAGCACTAGCAAGAG  
G  
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GGGGTGATCCTCAAATGAAAAAATTCANTTCCTTAATCTTGCCCCCACTTCCTCACCGT  
AACTGCCAAGTCAACTATTTAATGGTGAACAAAAAGCCAGGTATTTGTGGGAAANNNGCT  
GTAATATAAAAGAGAGCATAACCAAGCAAACCAACAGAAAAAAGGGGAACTCAGAAGGA  
AGCAGAANNACAGTGCAGNGGGAACCTGAAGAAAACTTAAAAAAGATACCCAGTCCCTTG  
GGAGACATGNAGGGAAGGTATTTTCATCAAAAGATGAGAATAAGTCCTATAAAATGAAATA  
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>SEQUENCE:4553:prostate\_MPM2000-004P1Novel007-2-Table1

AGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACAATCTTGGCTCACTGCAACCTCCGC  
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CGCCACCACAACCAGCTAATTTTTTGTATTTTGTAGAGATGGGGTTTCACTATGTTGG  
CCAGGCTGTTCTCAAACCTCTGACCTTAGACGATCCACCCACCTCAGCCTCCCAAAGTGC  
TGGAGTTACAGGAGTGAGCCACCGTGCCAGCCCCATATACTTTAAATTATCTTTAGATT



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ACTTATAATATCTAATACAATGTAAATGGTATGTTAACAGTTGTTATACTATATTGTTTA  
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TTTTCAATCCTCAGTTGGTTGAA

>SEQUENCE:4554:prostate\_MPM2000-004P1Novel007-2-Table1

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GGATGATCTCGGCTCACTGCAACCTCCGCCTCCTGGGTTCAAGCGATTCCCCTGCCTCAG  
CCTCCTGAGTAGCTGGGATTACAGGCAATGCGCCACCATGCCTGGCTAATTTTGTATTTT  
TAGTGGAGACAGGGTTTCTCCACGTTGGTCAGGCTGGTCTCGAACTCCCGACTTCAGGTG  
ATCCGCCCCACCTCGGCCCCCCCAAAGTGTTGGGATTACAGGTGTGAGCCACTGCACTCAGC  
CAATATCTATTATTCTTAAAGTCTTTACCAGGTTTAAAGTTCTTGATTATAATTCTGAT  
GCTAATTGCTTGGAAATGTATTGCTATGTATTTATGAATATTCTCTTATAACTAAAGATG  
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CAAGTTCA

>SEQUENCE:4555:prostate\_MPM2000-004P1Novel007-2-Table1

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GGTGTGATCTCAGCTCACTACAACCTCCACTCCCTGGGTTCAAGCCTCAAGCCTCCCGAG  
TAGCTGGGTTTACAGGCATGTGCCACTATGCCCGGCTAACTTTTGTGTCTTTGGTAGAGA  
CAGGGTTTCTTCATGTTGGCCAGGCTGGTCTCGAACTCCTGGCCTTAGGTGATCTGCCTG  
TCTCAGCCTCCCAAAGTGCTAGGATTATAGGCATGAGCAATCACGCCCGGCCTATTGGTT  
TATTTCAATAAGCAGTTATGAGTAAAGAAAGATAAAATACTAGCTCTATGCATTATTAAT  
TAAAATACATAGCTTCTGACACAGCTACTTTTTGCTCTCCTGAGAAGCCTTTTAAACTT  
TCTCTGAATTCCTGATTATGTTCTGAAAGATAAAGCTGCTAAACTGGGCTCCAAGGATA  
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>SEQUENCE:4556:prostate\_MPM2000-004P1Novel007-2-Table1

ATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCCGGGCAGGTA  
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TGCTGGAGAATTGTCCCAAACATATTTTTTAACTTTGTAGGACATTTAGCCCATCAAA  
ACCTGCAAAATCTTTACATACACAGAAGAACAGACAGTTCTTCAATGAACCAGAAGAAAA  
TTTCTGGATGGTCATGGTATTTACATACACAGTGTATCTTTCTGAAATTGTATGGTGAAG  
TTATGGGTGATCTTTACTGTTTCTGAAATTTAGGAAAGTTCTCTGGCTGTTGCATCCAAGTA  
AAATTAAATAAAATTGGTTGCAATTTTAAATCAAGTTCTTCTCTATTGCTTTATTCAT  
TCTTGGGGCTGTTTTAAGAAGCTATGTTTCTGATGCTGTAACATGTTCAAAGTTTTTAA  
TTAAAGCAAAATAAACATGGTCTAATGAATTCATTGATAATTTCAAGTTTATCAAACCTTG  
TAGGNTGTTTGGGAATTCTATAATTGAAAAACAGAGTA

>SEQUENCE:4557:prostate\_MPM2000-004P1Novel007-2-Table1

TATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTACTA  
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TTTGAAAGAAAAAACAGGGAGAGCATTATTTTTTGTCCAGATTATTTTGTCTATTGTA  
GGTAAAAACAATCTGTGTATATATGTAAAAAAAACANAAACAAAAACAAAAAAAAC  
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>SEQUENCE:4558:prostate\_MPM2000-004P1Novel007-2-Table1

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TTCTGTAAATCACAATGAATGGGGTATTCTTCTTCTATTATATATTTGCTAAGTCTTTAT  
GGCATCTATAAAAAAAGTGGTAACTCTATCCTATGTAATATCCCTGTCAAGTCCTAAAA  
GTCTCTTCTGACGACTATGTTGTCTGAAATATGCACAGCTACTATAGCTTCATTTCCGGT  
CATATCATCATAATCCATGTTGTCTCATCCATGCATATTTGTGAATGCGTGAAGTAACTT  
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>SEQUENCE:4559:prostate\_MPM2000-004P1Novel007-2-Table1

GCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACA

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TCTGCCTATATTCCTTGTGATAGTGCTTTGCTTTTTTCATAGATAAGCTTCCTCCTTGCCT  
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ACCCTCCATGGTTCCAGCCGGAAAAAGAGCCCCGCGTACTATGTGGCGTTCTTCACCTCC  
CCCTTCGTGGTCTTCTCCTGGAATGTGGTCTTCTACATCGCCTTCCTCCTGCTGTTTGCC  
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>SEQUENCE:4560:prostate\_MPM2000-004P1Novel007-2-Table1

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ACCTCCCGGGTGGCTGGGACTACAGGCGCACGCCACCACGCCCAGCTAATTTCTTCATAT  
TTTTTTTAGTGGAGACGGGGTTTTACTGTGTTGGCCGGGATGGTCTTGATCTCCTGACCT  
CCTGATCCTCCTGCCTCGGCCTCCCAAAGTGCTGGGATTGCGGGCGTGAGCCACCGCGGCC  
TGGCCTGCTTAGAGTTTTTTATGTAATTATTTGTGACACAAACATTTAAAATACTGTAG  
CTTAGAATGAAATTGTCTCAATCCTAGGAGCCAAAAGTTTGATGAATATGAATACTAATA  
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>SEQUENCE:4561:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTT  
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TCTCAGCTCACTACAACCTCCACTCCCTGGGTTCAGCCTCAAGCCTCCGAGTAGCTGGG  
TACAGGCATGTGCCACTATGCCCGGCTAACTTTTGTGTCTTTGGTAGAGACAGGGTTTCT  
TCATGTTGGCCAGGCTGGTCTCGAACTCCTGGCCTTAGGTGATCTGCCTGTCTCAGCCTC  
CCAAAGTGCTAGGATTATAGGCATGAGCAATCACGCCCGGCCTATTGGTTTATTTCAATA  
AGCAGTTATGAGTAAAGAAAGATAAAATACTAGCTCTATGCATTATTAAGTAAATACAT  
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>SEQUENCE:4562:prostate\_MPM2000-004P1Novel007-2-Table1

ACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGAGGTACTTTTTTTTTT  
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TTTTTTTTNNGGAGAAAACATTTAAAAATTTTTTTAAAGACAAGTTTACCATGTACCGA  
GGTTTATGCTTCTGGTGGAAATGAACAAATGTCCCCCATAAGGAAAAAAGTTGAGAGA  
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>SEQUENCE:4563:prostate\_MPM2000-004P1Novel007-2-Table1

GTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTCG  
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TTCAACAAATGCTTGATGAATGACTCAATGAGCAAAATTACATGAAAACACTTGCTAACC  
TATCTCTTTTCATCAAGTATGTAGCAAACACATGCCACACCTGGCACCAGAACTATAA  
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AAATTATTCCAATAAACAGACGGGAGGTGTGGAGGCAAAATATCACACCTAGGTCTTCAA  
AACTAATGACTNTCAAATCAAAAACCTGCATTACCTGATAAAGACTTAACTTCATGATTAT  
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AANATTCTATCTAACATTCTAGTCTACTTGTGTTTTGGAGGGCAGGCTGCCATTCCT  
GCCTATTTTAATCTTTTGAAGGTGGTCTCTGCTCCCATTTAAAGGTATAAGCAATTAAGA  
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>SEQUENCE:4565:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGTGGCTCATGCC  
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GCTGTAGTGAGCTACGACTGAGCCACTACACTCCAGTCTAGGCAACAGAGCAAGACCCTG  
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CCCAATATTTAAAGACCTTCCTGACGAAATCAGTGGAATTATTAACAAATGTCTTTATTT  
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>SEQUENCE:4566:prostate\_MPM2000-004P1Novel007-2-Table1  
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TAGCTGGGACTACAGGCATCTGCCACCACGCCTGGCTAATTTTTTTTGTATTTTAGTAG  
AGACGGGATTTCACTGTATTAGCCAGGATGGTCTCAATCTCCTGACCTCATGATCCACCT  
GCCTTGGCCTCCCAAAGTGCTGGGATTACAGGCATGAGCCACTGCGCCCAGCCGAGTCAT  
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>SEQUENCE:4567:prostate\_MPM2000-004P1Novel007-2-Table1  
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CCAATCACAGGGACGAAATGACCCGAGGGTGGGTGAAGCTATGCAGTAATACAGCCTTCA  
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>SEQUENCE:4572:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:4576:prostate\_MPM2000-004P1Novel007-2-Table1  
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TGGAGAGAAAGTTCTTTTGTAGATAGGGATGAGAATCCACAGAAAACCTCAGGAGTGATG  
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>SEQUENCE:4577:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:4579:prostate\_MPM2000-004P1Novel007-2-Table1  
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ACTTGTCTGTTTTCTTTAAATCTTTTCCCTTAGGTTAGATAATGCTGCTCATGATTGTGA  
GAGCACAGAAAGTTCTTTTGTCTTAGAATTAAGTCTGCTCACCTGGTTTGCATTCTGC  
ATCTGCCTTTCTTTAGTGCAGGGTAGTGTGAGTCCCACTGTGGCCCAAAGTTTGCATTCT  
GCGTTAACCAAGTCACAATTAATGAGGTTTTACTATAGGCACAAATGCTTAAAAAAGAAA  
AAAACGATTGTTTTGTGTGGTTAAAATAAAAACCTTGTGGGGATTTTAATGTATTTCTTTG  
GTGAAAATACATTAGTTGTTTGTCTCTAATTGGATCACTTTCCCTTCTAGACTCTGAACA  
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>SEQUENCE:4580:prostate\_MPM2000-004P1Novel007-2-Table1  
TACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGAGGTACTTTCTTTCA  
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TTCCATTTGGTCCAAGGCTTGTTAGGATAGTTAAAAAAGCTGCCTATTGGCTGGAGGGAA  
AGGCTTAAGCAGAAGCCCTATTACTTTGCAAGGGGCCCTTCAAAGTCCCTGGGCTAAAA  
AGGCTCTTAGTCGTGCTTGAAAGTGAGCCTTTCAAAGATACTTTCCAGCCACCCCTC  
CGGGCCACCCAACCTGTGGAGGTTGGTCAGGTGGACACCCATCTTCTTGATAAGCTTCAT  
TTCC  
>SEQUENCE:4581:prostate\_MPM2000-004P1Novel007-2-Table1  
TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACG  
CGGGTCTGCGCTTGTCATCATGGCGACGCGGGGCCATGTGCAGGACCCTAACGACAGGCG  
CCTCCGGGCCATTTACGATTATCTTGACAATGGTAATAATAAATGGCAATTCAGCAAGC  
AGATAAACTGTTGAAGAAACATAAGGATCTTCATTGTGCTAAGGTTTTAAAGGCAATTGG  
TTTACAGAGAACTGGAAAGCAAGAGGAAGCCTTTACTCTTGACAGGAGGTGGCAGCCCT  
TGAACCCACAGATGACAACTCACTGCAGGCACTGACTATCCTTTACCGGGAGATGCACCG  
ACCGGAGTTAGTTACAAAACCTTTATGAGGCAGCTGTGAAGAAAGTTCCCAATAGTGAGGA  
GTAT  
>SEQUENCE:4582:prostate\_MPM2000-004P1Novel007-2-Table1  
ATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGAGGTACTTCACT  
GATTTTTCTACTGCATCTTTACCACCTGAACTCTACATTATTCCTCCACATGTCTGTCCC  
GTCTGCTCCAAGACTGCAGAGGACAGTCTTGAGCATCATCTTACTCACATTTTACTCAGA  
AATTTCTTATTGAGTCCTGCTAAATACATGCTAGGCATTAGGGTTTTAAAAACAATTAATA  
TAAAGCATGTCAGGGATGGCTTTTCTAGAAAACATGCCCAAGCAGAGACTTAAATATTGA  
GACTAGCCAGATTAAAAGGGGTAGAGGGCAGGAAAGGGTGACGGCATGCCACGCAGCAGC  
AAGAGCGGGAGCGAGGCCTGAAAGAGTGAAAGTATTTGCCTAC  
>SEQUENCE:4583:prostate\_MPM2000-004P1Novel007-2-Table1

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CGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTGAAAAGAA  
AGCATCTGTGGCTGTGCCCAAAAAACCGGAAGCCCCACGTGCAAAAGTGCCTGAAGCTGC  
TCAAGAAGTTGTCCCAGAAAAGAAAATTCCCAAGGCACCAATCAAAAAACCAGAAGCCCC  
CGCAGTTACAGTGCCAGAAGTTCCTCAAGAAGCCACAGAAAAAGAAATTCCCGTGGCTCC  
ACCCAAAAAAACCAGAAGCTCCAATTGTCCCAGTGCCTGAAGCTCAAGAAGTTGTCCCAG  
AAAAGAAAGTTCCTAAGGCTCCTCCACAAAACCAGAAGCCCCACCTGCCACAGTGCCTG  
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>SEQUENCE:4584:prostate\_MPM2000-004P1Novel007-2-Table1

CACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTT  
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AGTGGTTTACAAGAGTGCCCTATTTCTTTCAATTAAGTACAAGGACAAACATATTTTAA  
GTTGAAATAAGTGACCAATATGATTTGCCAAAATTCTAAAGCGCACTACAATGAAATGG  
ATAAAGGTTACCTTTGGGGATTTGCACTGCATGAATTCTGTGAAAAGCTTGTTGGATATT  
GTGATAGAGATAGAGAAATGAAGTATATTATATAAGATACTATGAGGTTCCCTGCCTTTG  
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>SEQUENCE:4585:prostate\_MPM2000-004P1Novel007-2-Table1

ACTCACTTAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAAGGATTCCTCT  
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GCATGTGATGGTGCTGCAGCCAAGGCCGTGGGGCAAAGGCCAGCCTCCTCTTCCTATTTT  
TATTAACCCGGGTCTTCTGCGCCCAAAGACTCAGCCTCATTGAGGACCATATTATGTTCA  
TACTTCTGCTGCTTCCAAGGAGTGTTGATGAAAAAGTGGGGCCTTGGAGGGGTAGAGGCC  
AAGGGACAGTTTCCCCTCTGCCCTTTGAAGTTCACGATCTTCCATGCAACAAAATTGTTT  
TCTGTGAAAAGCAGGAAATGAATAACAACAGCGTAGGTGCGTTGGCTATGTCCGGTGGCA  
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>SEQUENCE:4586:prostate\_MPM2000-004P1Novel007-2-Table1

TTGAGCTCCACCGCGGTGGCGGCCGAGGTACTGGCCTTTATGTGTCTATTCATAGCAGTG  
GACTGGGCTGCTCGCACCAGACCCTCCAATTCAGCACCAGTCAAATTCTTGGTCTCCACG  
GCCAGTTTCTTTAA

>SEQUENCE:4587:prostate\_MPM2000-004P1Novel007-2-Table1

CGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTT  
GGTCAATCGATGAGCCTCGCCCTGTGCCTGGTCCCGCTTGTGAGGGAAGGACATTAGAAAA  
TGAATTGATGTGTTCTTAAAGGATGGGCAGGAAAACAGATCCTGTTGTGGATATTTATT  
TGAACGGGATTACAGATTTGAAATGAAGTCACAAAGTGAGCATTACCAATGAGAGGAAAA  
CAGACGAGAAAATCTTGATGGGCTTCACAAGACATGCAACATAACAAANNATGGAATACT  
TGTGATGAACATGAGGGGCAGCTCAAGCTGGTGGAGGGAGATAACTCACGGGGGCAGAGG  
GGTCAGGGATTCTGGCCCTGCTGCCTAACTGTGCGTTTCATAACCCAAATCATTTTCAT  
ATTTCTAACCTCAAAACAAAGCTGTTGTAATATCTGATCTCTACGGTTCCTTCTGGGC

>SEQUENCE:4588:prostate\_MPM2000-004P1Novel007-2-Table1

CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTGCTT  
TAGCAGATAGATAGGGCATCCAATACAACCTGAAACAACCTGATAACAAATTAATTTTATT  
TTTCAATAAAAAGGAATGCTCTGGTTTTTTAACTGGCTCCTTGAGGAAGCCAGAAGATGG  
CATCTGCTCTTTAAACAGGCTTCTCTTATCTGACTTGAGACACAAATCCACCAAGATTCT  
TTCTTACAGTGGAAGTAGGCACCAACCCCTCAGATCACGAGGCCCTAGGAAGAAGCCTGT  
GGAAATCAGCCTGTGATGTGTGGTGGTGGGCCAGCACCTAGAAGACACATGGTGGTTGTG  
CACATAAATCCCTTCAGCGGACTCAGTGGAAGGATGAGAATTCTGTAAGTTCATGCCCAT  
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>SEQUENCE:4589:prostate\_MPM2000-004P1Novel007-2-Table1

GCGCGTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTAC  
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TGAACCCTAAGGTGGCTCACAAGAGTGCCCTATTTCTTTCAATTAAGTACAAGGACAAAC  
ACATTTCAAAGTTGAGATAAGTGACCAGTATGATTTGCCAAAATTCTAAAGCGCACTCAC  
CATGAAATGGATAAAGGTTACCTTTGGGGATTTGCACTGCATGAATTCTGTGAAAAGCTT  
GTTGGATATTGTGATAGAGATAGAGAAATGAAGTATATTATATAAGATACTATGAGGTT  
CCTGCCTTTGCTTCACATCCAGGCTTACAAACGTGCCCCATAAACATTCCCTCTGTGGC  
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&gt;SEQUENCE:4590:prostate\_MPM2000-004P1Novel007-2-Table1

CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCGCCGGGCAGGTACTT  
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TAAAGTGGCTCACAAGAGTGCCCTATTTCTTTCAATTAACAAGGACAAACACATTTT  
AAAGTTGAGATAAGTGACCAGTATGATTTGCCAAAATTCTAAAGCGCACTCACCATGAAA  
TGGATAAAGGTTACCTTTGGGGATTTGCACTGCATGAATTCTGTGAAAAGCTTGTTGGAT  
ATTGTGATAGAGATAGAGAAATGAAGTATATTATATAAGATACTATGAGGTTCCCTGCCT  
TTGCTTCACATCCCAGGCTTACAAACGTTGCCCCATAAACATTCCCTTTGTGGCTTTTGC  
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&gt;SEQUENCE:4591:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCGCCGGGCAGGTACTTTGAGCTGT  
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ATGATGGATATATTTAAAAGCTGCATATTTTAAAGAACAGCAAAAATCTAGGGCTTGTTT  
CTTGTTGAAAGAGGTAGGGCAGTGGTTAGAACCTCCTGGCTGACTGTGGGAATTGATTTG  
CTGCTAGAGGAGGGTAGATTGGGTTTTCCAAAGTCTTTTTAAGACCCAGACCAGCTGAAA  
CAAGGGAAGGGCCATGGTAGTTGTTTAGTCGTCTGTGGTAAAATGGTTAATAACTATTTT  
CCTCTGAGTGGTTTAGTATATTCTTCATTCAGAATATGCAGAGCTTCCAGGTGTTAGGTT  
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&gt;SEQUENCE:4592:prostate\_MPM2000-004P1Novel007-2-Table1

CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACCAAGGCCCAAT  
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CAACATGATCCCATAGTTCCACATCTAACGTTCCCTTTTCAGGAAACCAAGGACAGTGTT  
CTTCCACTGCCCTGAATAGGGTGACCATATTTCCATGGGAACCCGAACCTCCCCATTTT  
AACAGGAATTTAATATAGCAGAGATAAGCATAATGTTTAGACTCTGCGTGACCCATAGTT  
ACCCCGGACAATACACAGACAACTCACCAATCGTCGGGGAGCCGAACAAGCATTCTGTG  
GACTGGACCGATGAACATTTCTCCGCACCTACCAAAGGGAATCGGGTTCCACATGCACT  
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&gt;SEQUENCE:4593:prostate\_MPM2000-004P1Novel007-2-Table1

CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACTACTACTGCCT  
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CCTCCACTGGAACCTGCTGATTTTAAACGCTACTTAATTCTTCAAATTCTCTAAATTTAA  
ACACATCTTTCACAGTATTATGTCATTACATTAGATATGGTATTTGTCCCTAAGCACTGC  
ACATTAAAACAAGCCATATTTACCAATATAAATGCAAAAGTAGATGAAATTTGGAATTTT  
TCATAAGAAGAGTCAAAAAATTATACCTATTTCAAAAATGAACAAGAACTAAATTAATA  
ATCATTGTAAGACTGTGGTATTCTTAAAACCAGAGGGACCCTGGAATAGAAATCATTCT  
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&gt;SEQUENCE:4594:prostate\_MPM2000-004P1Novel007-2-Table1

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AAAACATGTCACTACTTAGACATTATATTGTCATCTTGCTGTTTCTAGTGATGTTAATTA  
TCTCCATTTTCAGCAGATGTGTGGCCTCAGATGGTAAAGTCAGCAGCCTTTCTTATTTCTC  
ACCTCTGTATCATCAGGTCCTTCCCACCATGCAGATCTTCTGCTCCTCGGCTGCAG  
CCACACAAATCTCCCCTCTGTTTTTCTGATGCCAGCTTCTCGGCACTTGCTATTTCTCCC  
CGCGTACCTCGGCGGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAA  
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&gt;SEQUENCE:4595:prostate\_MPM2000-004P1Novel007-2-Table1

CGCGCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCGCCG  
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TTTTAGCCTAAGAGTGGTGACGCCGCTGCAGCTGCTGATGCTTCTCCTAGTCTCAATCGA  
GAAGAAGTGATGAACTCCTCAGTATATTTGAGTCTCGGTTGTCATTTCTTCTCCTTCAG  
TCCATTAACTGCTATCTTCACTAAAAAGAAAACAAGGTAAATTAAGTGGTTATTTGTA  
GGAATTTCTTTCCTAGCACCTACCTATAAAAAATTTTCTCTACCAACATCATAAAGAAAA  
ACTAGGGGCCAGGCACATTGGCTCACACCTGCAATCCCAGCACTTTGGGAGGCCAAGGCA  
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&gt;SEQUENCE:4596:prostate\_MPM2000-004P1Novel007-2-Table1

ATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACTGGCTC

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CTAACGTATTCTTCCAAAGCACACTGAGACTTTTCCTGCAAGCTTTCCACATGGGCTACA  
TCAGAGAGACCACAGGCATCTGGAAGAAAGTTTAAAAACAGAAGAAGAAGAAGAAAA  
AGAAGAAGAAGAAGAATTTCAGTCATCAGATTAAGAGGTTTGAATTGGGTCACATGAGGTG  
TGTGCACAGAGCTCTGTCAAACCTGCCCCCCCCCGCGTACCTGCCCGGGCGGCCGCTCTAGA  
ACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTC  
GAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTNGGC  
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>SEQUENCE:4597:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACGCGGGGA  
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CTTCTGATGGAGGGATCAGGAAAGGATATGAAAAATCCCGAAGCTTAAACAACATAGCGG  
GCTTGGCAGGCAATGCTCTGAGGCTCTCTCCAGTAACATCACCTACAACCTCTCCTTGTC  
CTCTGAGGCGCTCTCGATCTCCCATCCCATCTATCTTGTAACCAAACAACCAAACCTGCA  
TCAGTCGGCTAAATTGTATTAATTCAAGTGCTGTTTACCCCATAAATGGAAATAATTAAAT  
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>SEQUENCE:4598:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACCAGCGGT  
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GCATGCACTGCACCGCCGTGTACATTACCTGACGCTGACGGATACACTCTCACACACGCA  
TGCTCGCGCTGCGGTCCAAAAGAGCCTGGGACGTTGGTGAAGAAGGGCTATAAAAATGAC  
CAATGGGGGGGAGGTAAGTCAGTTAGGTGAAAGACTACATGGCACATGCTGTCATTCTGG  
TAACTAAAGAAATAACTCCTCTATTGGAAAATTAGCTGTTTACGGCAGATTAACGGATGTG  
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>SEQUENCE:4599:prostate\_MPM2000-004P1Novel007-2-Table1

GGAGTCACCGTTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACAAT  
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AACAGAGTAAAGCACAAAGTCTTTGGCTCTCCTTTAAAGAAAACAGCAGGTTACCATTCTT  
AACCAGACCTTTGTTTGACTACCAGTAGGGCAAATACCACATTTGTGCATCACTGAGTAA  
TAACACCATTAGAAAAGGCAACTTCACAGAAGTTATTGGCTAAGCGAACTCATTTGAATG  
CTCTGTTTTGAGGCAGCAAACCTGTCACTGTGCGCAGATTGGGGAGGGCAGTGGGTAAGTCA  
AGGGGAAATTACAGGGTGGAAGAAAGGTCAAGAAAAAAGACGTATATGGAAAAATGTAA  
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>SEQUENCE:4600:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:4601:prostate\_MPM2000-004P1Novel007-2-Table1

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCGGGCAGGTACAGCGCAAATTAA  
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CATGTTTTTATTCTTTTTGTGAAGATGATTTTCAGAGGTCCTTACTTTTTTTTTTTGGC  
TGATGTCACCAACATGTAGCTTTTTAAGTTTAGGTTAATTAAGTAATAATTAAGCCT  
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>SEQUENCE:4602:prostate\_MPM2000-004P1Novel007-2-Table1

GACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACTGATACTTTTT  
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CAATTTCTAGAAATTAACAATGAGTCCTTTTATAGCACTGACCTTACTCTTCCTGCCTTC  
CCCACCTCCACCCCAAACCTTGCTTTGGGTGTTCTTTAATCTTTCAAGGGAGTGATAAATG  
TCACAACTCTTAATAAAGGGCTGAAATGGCAGCGTATGACTGTTTAGACGTGTCTTTA  
AAGTAGTATTAGTCTTCTAGAATACTAATCTAATTCTTAGAAACAGAAAACAGAGGAAGC  
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>SEQUENCE:4603:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTACTATATGGCGAATTGGAGCTCCACCGAGGTGGCGGGCGCCCGGGCAGGTA  
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>SEQUENCE:4604:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCGCCCGGGCAGGTA  
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GACCATCCCAAAATGCTTCAAGTAAAAAATAACAAGTTTAAGGGGTTAAGCACTTTTAA  
GTCTGATTAAGGGGGTGGGGGGAAAAAAGAGTAACTACCAGCCATTTCTCCAATGGACAT  
CTCTTCCACAGACCTCAACGTGAGAACTGCTCTAGTTTCTATAAACTGTAAACCTGTGGT  
GGTCTGATTATCCTGATATTGGATTTTCTTGTTTTCTGTTACACCTTGAGTCATTTGCCT  
TTAGGATTCTAGACAGACCTAAGGGAAAAAGAACTGAAAACATATTTTGCCCCCACC  
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>SEQUENCE:4605:prostate\_MPM2000-004P1Novel007-2-Table1

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCGCCCGGGCAGGTACATAAATTTTCCAG  
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TTCTTTTAACTTTTTTTGTCAACGAATGTCTTTGTTTTAGAAAGAGGCATTTTCAAGTG  
TTTTGATGTGACCAACGTGACCTAAAACCATTAAGATTCTAAGCAAAAATAATAAGG  
CCAACTTTAGTGTAATAGCATGAAAGGCTTGAAACTAAATAAAAAATTATTTTTTCC  
TTTAAGAGTAAATAGCTAGGCTAGGCATGGTAGTTCATACCTGTGAACCTGTGAACCAT  
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>SEQUENCE:4606:prostate\_MPM2000-004P1Novel007-2-Table1

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCGCCCGGGCAGGTACCTCAGTTTTGTCC  
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ATGTAATAAACTTTATAAGATTCTTGGCACATGGTAACTGCCATACCTATTACCCATAAC  
TAACTGATTTTTTACACAATTTACTATAATATAACCACAATTCTTATTCAAACATCCTGG  
ACCTAGCTAACAGTGACACGTGATGATTTCTGAATGAGTTTTGAGAAGAACTGAGTCCC  
AAAGAGTGCAACTTTCTCCCACTGTCAGAAGGCCTACACACCACTCTTCTCAGAGAGGTG  
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>SEQUENCE:4607:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCGAGGTACTGCTATCAATTC  
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TCTGCATCATCTCCATAAAAAATATTTTTTACCTCTAAAGTCATCAAAGAATTGAAGCAG  
GCCCTTGGGAAATATCCTTAAGGGGAGAGAGTGGCTCCAAAAATAACCTTCCTTCCAGCA  
CCACACCACAGCTCAGAGAATTCACCTTACGGTGGGACGGTCACTCAAAGTCTACTGTG  
AACCTCATCCCCAAAAAGGTAATGGCAAAGGCTAGAGGAAAATCCTAAACAATCACCTAT  
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>SEQUENCE:4608:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCGAGGTACACGGCGAG  
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CGCAGATAAGTTTTTTCTCTTTGAAAGATAGAGATTAATACAACTACTTAAAAAATA  
TTCAATAGGTTACTAAGAAATTGCTTTAGCGTAAGGTTTTAACGTAATTTTAATAGCTTG  
AGATTCTATGAGAAAATATGAAGACTTATAAGAGGAGCATGAGGAAGGAAAAGATATAAG  
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>SEQUENCE:4609:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCGCCCGGGCAGGTA  
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CATAGAAAGATGACTCTGTCACTTGACAGATAGGTGTTCAAAGACACAGAAGATTAGAATC  
TTGCCAATGGCTGGTCGTGATCCTGAATGCCAACGCACAGAAATGATTAAGAAAGAAGAA  
GAACGTTTGAGGGCTTCCATACGTAGGGAATCTCAGCAGCGCCGAATGAGAGAGAAACAG  
TACCAGCGGGGGCTGAGCGCCAGTTACCTGGAACCTGATCGATACGATGAGGAGGAGGAA  
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GAACGAGCCAGAATCTATTCATC

&gt;SEQUENCE:4610:prostate\_MPM2000-004P1Novel007-2-Table1

CTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACAGTG  
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CTCCCGAGTAGCTGGGACTACAGGCATCTGCCACCACGCCTGGCTAATTTTTTTTGTATT  
TTTAGTAGAGACGGGATTTCACTGTATTAGCCAGGATGGTCTCAATCTCCTGACCTCATG  
ATCCACCTGCCTTGGCCTCCCAAAGTGCTGGGATTACAGGCATGAGCCACTGCGCCCAGC  
CGAGTCATTTTTTAATACTACTGCATGTGAGTTAACACAATCATTCCCAAATTGAAGTTA  
TAGATGGGCCCTCAAATTTTTAGGATATGGTTTTCTACACGTTTATATTGAAAGTATG  
GGGTATCTCCTATTACTCCTCTCTATATTTGTCTTAAAGGAGAAAGGGAGAGGCCAGAGA  
CCAAATGTCCCCATTTACCTATAGCTAATCTC

&gt;SEQUENCE:4611:prostate\_MPM2000-004P1Novel007-2-Table1

GAGCTCCACCGCGGTGGCGGCCGCCCGGCAGGTACTTCTCTGCAGCCTTAACTCCTGGG  
CTCAAGCAATCCTGCCACCTTAGCCCTCCAAATAGCTGGGACTACGGACATGCACCATTA  
AATTAATAAATAATATATATATATACACACACACACACACATATGATGTGGTACTCACT  
TCTGTTGCCCAGGTCTGGTCTCAAAGTCCTTGAGCCTTAAGCTATACCTCCCAGCCTTGG  
GCCTCCCAGAAGTGGCTGGGATGTACAGGTGATGAGCCACATGTGCCATGAGCCTGATAC  
AGGTGATATATTGTAGCAGAGACANTTTAAGAAAGTGAGAAGAAAGCAGCCATGTGGTTA  
TCTGACAGTCCAGATATTCCAGCACAAAGGGGACAGAGGGNGGAACAGTACTTGGTGGTGT  
GGTGAGTATACATGGAGGGAAGCATNGGCTAAGTGGCATGGAACAAAGAAGGTATGGT

&gt;SEQUENCE:4612:prostate\_MPM2000-004P1Novel007-2-Table1

TACTTTTTCTTTTTTTTTTTTTTTTTTTTTGGGGGATGGAGTCTCACTCTGTCTCCAGG  
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TCTCCTGCCTCAACCTCCGAGTGGCTGGGACTGCAGGCATGTGCCACCACACCTGGCTCA  
TTTTGTATTTTAGTGGAGACAGGGTTTCACCATGTTGGCCAGGATGGTCTTGATCTCT  
TGACCTCGTGATCCGCCACCTTGGCCTCCCAAAGTGCTGGATTGCAGGTGTGAGCCACC  
GTGCCTGGCCTAAATAAATAATTTCTGAACATATACAATCCACTTCCCCTAAGAATTAG  
GGTCAAAGACATTCTATTTGAACACTTGCAATTACCTAGATCTAG

&gt;SEQUENCE:4613:prostate\_MPM2000-004P1Novel007-2-Table1

GACTATATGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATACTCCCATTCCA  
CAGCTTAGTCTAACATGCAAAAAGGGCATGATTAGAGATTGTTGGTCATTAAGAAGAACA  
GGAGGAGACGTTCTGGAGCCTTGGCACTATGCCTGGGGAAGAGAGGATCTCNCACCCCTC  
AGCCATCTCTGGGCCAGAGGAAAATCACCTAAGGGTTGTCTAAAGAGTTCCACGGGAGA  
AGAGATTATGCTGTCTGATGACCCCTTACCGTTTTCTGCAGTATGTCCCTACTTTTTGGG  
TGTCAGCTGAGGCTATTAACTCGTGCTGCTTCTGAAGTCGGTTTTCTTATATACCATGCG  
AAGGTTTAAATCTGCTGTACTGACTCTGCTCTCTGTTCTTACTTTTCCCAGAGTTCCTAC  
ACTTACTACATAACTAAAACTGGATTTTAAGCTGATTGCACTCTTCAATGCGTTTTATT  
TCTGAGATTGTTCTTCAAAGCCCTAACAAATAGATTTTCGGTTCATATGACAAAC

&gt;SEQUENCE:4614:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTGAATTTCT  
GTCAGTTAAGGGGTTCAGTCTTTGGTGGAATTGGTGGAAATTGCTAGCAGGTTCACG  
ATGTTTATTTTTCTCCATGTTGTATATCATTACCATGTCACATACGCGTTCTATTTTT  
CTTCCTCTCCTCCTGATCTCCTTAAAAATGAATCTACAGTTGGTGGCTTTTTCCCCCTCC  
TCTTTGGCCAGTTCCACAGTTCAGTTCTTCTGAAAACAGGGATGATGAACTTGTAGGAT  
CAGGACAAATGTGTGTTTTTCAAAAACCTTAAGGCTGGGTGTGAAACACCTTCTGTGGACA  
AGGATTTGTAACTTCTCTCCTGCCTCCAGCTGCGGCCCCAGCCTAACTGATAGTTACTT  
GATTCAGTGTGCTAGACACTTAAATAGCATCTATGTCTCTTCAAGGGAATTTGTCAAAT  
AATGCTGTTTAGCTAATTGTTGCAAGCAATTGCATATTAACAGCTGTGATTTTGTTGGA

&gt;SEQUENCE:4615:prostate\_MPM2000-004P1Novel007-2-Table1

CTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTAGGGTAAGCA  
TTAACAATATTATTCAAATGTTATATAGAGTTCAACTGTATACAATAGAGCATTTATTA  
AAGTGTGTCCAAAGCGCTTATAAATAAAGCATCTTCGAGGCAGGCGGCTCACTTGAGGTT  
AGGAGGAAAGCAGACTGGCCAACATGGTGAAACCCCGCCTCCACTGAAAATACAAAAAAT  
TAGCCAGGCGTCATGGCGCACCTGTAGTCCCAGCCACTTTTTAGTATTTTAGTAGAGAC  
GGAGTTTCAACATGTTGGCCAGGCTGGTCTTGAACCTCGTGACCTCAAGTGATCCGCCAC

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CTCGGCCTCCCAAAGTGCTGGGATTACAGGCGCGAGCCACCATAACCGGCCTCTTATACA  
ATAAAGAGATTTTTTTAAAAAAGATATAAATTCACACATATGAGGAAAACCTGGAGAGGA  
AAAGATAGCAACAAAAATTTTGGAACTGGAAAGGAAACAGATAAAGAACTAACTGACTT  
AGTAGACCCAAGAAAGCAAACACCTAAGCCAGCAGTGGGGAAGGCTGAGAACCATCACAG  
TTTATACTACAGCAG

>SEQUENCE:4616:prostate\_MPM2000-004P1Novel007-2-Table1

ATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTAC  
AAAATTAATGGTGGTTTTGGATTACGAATTTAAATTATTATACTAGGCCCAAACACAT  
CTTTATCAAAATAGGAAACGTTACAATCAACACATTTTTTGGCAATGAGAAATAAGTTTG  
TTTATTCTGTAGCGTAAAAATCCATGCTTTGGGATTGATGAACCTTTGGAAAGCATT  
TCTGCATCCTGATGGTTGTGGAAGCATTTCCTGCAAAAAATTTCTAGATGCTTGGA  
AAGTGGTAGTCGGTTGGTGAGAGGTCAGTTCAATATGGTGGATGAGGCAAACTTTGTAG  
CCCAATTCATTCAACTTTTGAATGTTGGTTGTGCAACATGTTGTCGGGTGTTGTCGTGG  
AGAAGAACTGGACCCTTTCTGTGGACCAG

>SEQUENCE:4617:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACG  
CGGGGGGTATCTCTAGCCGGGCCTGAGCTGCGCTAGCACCCCCCAGGAGACCGTTGCA  
GTCGGCCAGCCCCCTTCTCCACGGTAACCATGTGCGACCGAAAGGCCGTGATCAAAATG  
CGGACATGTCGGAAGAGATGCAACAGGACTCGGTGGAGTGCGCTACTCAGGCGCTGGAGA  
AATACAACATAGAGAAGGACATTGCGGCTCATATCAAGAAGGAATTTGACAAGAAGTACT  
AATATTTAACTGAACTGTTTAATGCCTAAATTTTATATATAATTCTACTTTAAAAATAA  
GCCTTATGTCTTTTATACCAAATATGAGTAGTTTTCTAAAGCAATGAAATTAGAAAATA  
TATAATTTCAGTATCTGATTATACTGCTTG

>SEQUENCE:4618:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCATCTGCCTCCT  
GCTTGCCACAGCATGGGGTTAACGGCTGAAGTTGGGCAGCAAAGCCTGAACTGTGTTTT  
CCTGTTGGCAGGGCAAATTCATCCGCATCAACTTCGACGTCACGGGTACATCGTGGGAG  
CCAACATTGAGACCTATCTGCTAGAAAAATCACGGGCAATTCGCCAAGCCAGAGACGAGA  
GGACATTCCACATCTTTTACTACATGATTGCTGGAGCCAAGGAGAAGATGAGAAGTGACT  
TGCTTTTGGAGGGCTTCAACAACTACACCTTCTCTCCAATGGCTTTGTGCCCATCCCAG  
CAGCCCAGGATGATGAGATGTTCCAGGAAACCGTGGAGGCCATGGCAATCATGGGTTTCA  
GCGAGGAGGAGCAGCTATGTAAGCCTCA

>SEQUENCE:4619:prostate\_MPM2000-004P1Novel007-2-Table1

TTATAGATACTGGGGAGTGGTATGTGGTAGATAATGTCAAGTAACGCCCTCATGGTGTGG  
GTGAGGAAGTGAGGCCTTAGTGTTGATTGGACTGTGCTGAGCCACACATTCTTCTTATTG  
CCACACTCCCCATACAGTGGAGGGTTCTTTATCATTGGGACAGTTCTCAGATCAATAAA  
GCCTTTGTCCATAGAGCTAAATATAAGGCTTCGGGAAATATAAAAATATGATCTGTAAC  
GATAGTCCTGAGTGCTAGCCATTAGTGGCTAAGTGATTGTGGCCAAATCACTCAAATTGC  
GTGTACTTATCCTTAAAATTGGCAATACTAAACCTACCTTATGGGGTGGTCACAAGGTT  
AGATGACATCATGGGTTTGAAATTTCTATGTGAATTTGAAATTACTATAAAGATGGGAAA  
TGCTG

>SEQUENCE:4620:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTAATCTGGGCAT  
TGTTCTAGGCACCTGAAATAAATTATCTCAATTCATCCTTCAAATAACCCAGTGAAGTAG  
ATCATACTATATCCCACTTTATAGATCATACTGTGTATCCCATTTTATGGATGGGGAACC  
TGAGGCTCAGAGATGAGAAATGATCATCCCATCATTCCCATCACTCAACTAGTAAACAA  
TTGGGCTAACTTCAGCTCCAGCTCCATGCAATCCAAGTCCTCGTTGAACCACTTTGTT  
ATTGAGCTTGCTCCAACCTGATCTCCTGTGTCTCTGGCCATCCCATCGTTTCAGTAGTGCC  
CCAGTTTGAAAGTCCAATTCATCATCAGGCATCCAGTGCCTTCCAGCCTTTAATTGTCTC  
CTATCAAACCTGGAAACAATTAGTCTGAGAAAATCATCCATGCCAGTGAATTAATTTATTG  
AATTTG

>SEQUENCE:4621:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGGCGAATTGGAGTTCCACCGCGGTGGCGGCCGAGGTACTAAGAAAAATTGTTTT  
GCCTTGAGATGCTGTTAATCTGTAACCTTTAGCCCCAACCTGTGCTCACGGAAACATGTG  
CTGTAAGGTTTAAGGGATCTACGGCTGTGCAGGATGTACAGCAAAAAAGAACTGAGAAG  
CCCAAACCTGCTTTCTTGTTAACATTCATTTATTCAAACCAATGTGGAAAACCTTCTTATAC

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TTTGGTTCCCATTTATGAAAGTTGGACAATTGCTGCTATCACACCTGGCAGGTAAACCAAT  
GCCAAGAGAGTGATGGAAACCATTTGGCAAGACTTTGTTGATGACCAGGATTGGAATTTTA  
TAAAAATATTGTTGATGGGAAGTTGCTAAAGGGTGAATTACTTCCCTCAGAAGAGTGTA  
AGAAAAGTCAGAGATGCTATAATAGCAGCTATTTTAATTGGCAAGTGCCACTGTGGAAAG  
AG

>SEQUENCE:4622:prostate\_MPM2000-004P1Novel007-2-Table1

CCGAGGTACGCGGGGGCGTTCGTGTGTGTGCGCTCGCTACTGTGTGGTTATGGAGGCGGG  
GGCAGCTGAGTTAGAGTCCCAACTCTTGTACTCCATTTGCTATTCTCTTCTTTCTCCCC  
ACACCTATCTGGTGGTGGTAGTGGGCGTTTATATTTGGCGTCCTTTTCATTCATTTCTA  
AATCTCTTAAAAAATTTTGGGTTGGGGGTATTGGGGAAGGCAGGAAAGGGAAAAGGAGAG  
TAGTAGCTGAAGAGCAAGAGGAGGACATGGAGATGAAGAAGAAGATTAACCTGGAGTTAA  
GGAACAGATCCCCGGAGGAGGTGACAGAGTTAGTCCTTGATAATTGCCTGTGTGTCAATG  
GGGAAATTGAAGGCCTGGATGGTACTTTCAAAGAACTAGAATTT

>SEQUENCE:4623:prostate\_MPM2000-004P1Novel007-2-Table1

CCGCCCCGGGCAGGTACGCTGGGGGCTCTCGGTGTCAGAGCGCATGCTTTCCGGCTCCACC  
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TAGCCGAAGCCTCGGAAGGAGCGGCCACGGCAAAGAGACATGGTCTGGCTATGTGCCGT  
CTGGGCTCAAACCTTCTGGCCTTGGGTGATTCTCTCACCTCAGACTCCTGAGTAGCTGGGA  
TTACAGATGCGGGCCACCACACCTGGCTACCAGTGTGCTTTTCTTGGAGAAAGAAGAAAA  
GAAGAAAGAAGGAAGAAGAAGAAGAAAGAAAGGAGGAAGAAGGAAGAAGAAGAGCCAGTG  
TGATAATACATTGAGTGATTTTTTAAAAAGTGCATATATGAGCAAAGGTTATTTTTCCC  
TTTTCTGAAGTATGGCAG

>SEQUENCE:4624:prostate\_MPM2000-004P1Novel007-2-Table1

GTGGCGGCCCGCCCGGGCATTACGCGGGAATGTTTTGAAAGTCTTTATTTTAATGAAATT  
TACTTCATAAGCATTCAATAAATATTTGCTATTATTACTGATGGTTAATATTGTCAACTT  
GATTGGATTGAAGGATACAAAGTATTGATACTAGGTGTGTCTGTGAGGATGTTGCTAAGG  
GAATTAACATTTGAGTCAGTGAGCTGGGAAAGGCAGACCCACCCTTAATCTGGTGGGCAT  
AATCTAATCAACTGCCAACGTGGCTACAATATAAGCAGGCAGAAGAATGTGAAAAGAGAG  
ACTAGCCTAGCTTCCCAGCCGACATCTTTCTCCTGTGCTGGATGCTTCCTGCCCTGGAAC  
ATCAGACTCCAAGTTCTTCAATTTTGGAACTCAGACTGGCTCTCCTTGCTCCTCAGCCTG  
CAGACGGCCTATTGTGGGACCTT

>SEQUENCE:4625:prostate\_MPM2000-004P1Novel007-2-Table1

GGCGGCCCGCCCGGGCAGGTACGCTGTGGAGTCTCCTCCTTATCGCAGCTGAAGGATCTGT  
TGAGCGCTTCAGGAAAGGCGGACAGGCGACACTAACAGGTGAAGATCTCGGGAGACCATG  
ACTAAGAAAAGAATTGCTGTGATTGGGGGAGGAGTGAGCGGGCTCTCTTCCATTCAGTGC  
TGCGTAGAAGAAGGCTTGGAACCTGTCTGCTTTGAAAGGACTGATGACATCGGAGGGCTC  
TGGAGGTTCCAGGAAAATCCTGAAGAAGGAAGGGCCAGTATTTACAAATCAGTGATCATC  
AATACTTCTAAAGAGATGATGTGCTTCAGTGACTATCCAATCCCAGATCATTATCCCAAC  
TTCATGCATAATGCCAGGTCCTGGAGTATTTCAAGGATGTATGCCAAAGAATTTGACCTT  
CTAAAGTATATTCGATTTAAGACC

>SEQUENCE:4626:prostate\_MPM2000-004P1Novel007-2-Table1

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ATTGTATTTTCAAACATATAGAAAATAAACTTATTAGGAAGCATTTTCTTAAAGTGTTTT  
TGCTGTCTTATCTATTTGCTCTAATGGTTTGGGACCTTTCATTGAGTTTTATTGCTTTT  
GATGTCAGGGCTTATTTAATCTCTAGTGATGAAAGTCTCATATGTAAAAAATGATTATT  
CTGAATTTAATCTGTCATTGGTCATACTTCTAAGTGTTCAACCTTATAAAAAATAAATGA  
CTATCAAAAAGAAAAACCTTACATTATGTTCTAGTAGTAAAGTTTTCCAAGGACAGTGT  
TCAC

>SEQUENCE:4627:prostate\_MPM2000-004P1Novel007-2-Table1

GCGGTGGCGGCCCGCCCGGGCATGTACTTTTTTTTTCTGTTGACCGAAACACTACTGGATA  
ATTATTATTTTAAATGTCCAGAATGTGTAATAACAAGGGCCAGAGCTTCCTCCTGGACTCA  
ATTTTATAAATTCTCAATTGGTTGGTGAGGCCAATAGGGATACTTTTTCTT

>SEQUENCE:4628:prostate\_MPM2000-004P1Novel007-2-Table1

TGGGCCCTCTAGAGCATGCTCGAGCGGCCCGCCAGTGTGATGGATATCTGCAGAATTCGGC  
TTAGCGTGGTCGCGGCCGAGGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTGGGAAGTA



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GAGTTTAATTTAAAGCTTATTGATCATTTGAGCAAATCTCTGGAGGGCAGAACAAGAAGG  
AGCAGGCTTCAGTTAACAGAAGCAGCCTTGAGTTGCCAGGATAGTGGATGGAATACCAA  
GAAAGAGTTCACACCAGGGAGGAAGCAATGCCTTCTCCCTGGAGTCTCCCAAGGGGCAGC  
TTTAGAATAAGGGAAGAGGATTTGCTGGTCACCGTTTGCTGACATGGGTCTCTATGGTGA  
GTTCAGGCCTGAGGACAGGGTTGTCTGCAAAACCATGAGCCCTTGAAAAATGTCCTTGC  
AGATTGGGCTTCAAACCTGCTTGGAGCACCAGGAGAGGGACTTCTGGATTTCAAGGATAG  
AGAGAGGAGAATGGAGGCAATAGGAGGAGAATGCACTTCTATCAGGCCCATCC

>SEQUENCE:4629:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACGACCTGGACGGAAAT  
G  
GCTATATCAGCAAGGCAGAGATGCTAGAGATCGTGCAGGCAATCTATAAGATGGTTTCCT  
CTGTAATGAAAATGCCTGAAGATGAGTCAACCCAGAGAAAAGAACAGAAAAGATCTTTC  
GCCAGATGGACACCCATTGAGACGGATAACTCTTCTGGAAGAGTTCATCCGAGGAGCCA  
AAAGCGACCCGTTTATTGTGCGCCTCCTGCAGTGCGACCCGAGCAGTGCCGGCCAGTTCT  
GAGCCCTGCGCCCACCAATCGAATTGTAGAGCTGCTTGTGTTCCCTTTTGATTCTTCTTT  
TTAACAATTTTTTTTTTTTTTTTTTGGCAAACAATATCAAATGTGATGCCGACCCCTGTGC  
GGTCTGATGCGCCTTC

>SEQUENCE:4630:prostate\_MPM2000-004P1Novel007-2-Table1

CGTAATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTGT  
AAATGTGTTTTCTCTTCTTATGATTTTCTTGATACATGTTCTTTTCTCTAGTTTACTTT  
ATTGTTAAGAATATACTATATAATACACATACAAAATATGTGTTATTGCCTGTTTATGTT  
GTGGGTAGGGCTTCTGGTCAACAGTGGGCTACATTATCGAACGGTCAACTGTATCCTTAA  
CTTTTTTCTCAAATACAACCTTCAACAATTCTGGCTTTAGCTAAAAAACTTTAGCTAA  
ACTAAAGAACTTCAGCCATTACTCTTTCAGCTCCTTTATGTTACAGACCAAGAGGTAGA  
CC

>SEQUENCE:4632:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTTT  
TTTTTTTTTTTTGGAGGGAAAACATCTTTTTTATTATTATTATTTTATTTATTTATTAG  
AGACAGGTTCTTGTTCTGTTGCCTGGGCTAGAGTGCAGTGGTGCAATCCTAATTCACTGT  
GGCCTAAATTCCTGGGCTCAAGTGATCCTCCTGCCCCACCCTTGAGTAGATAGGACTACA  
GGCACACACCACCATACCTGGATAATTTTTTTTATTTTTATTTTCGTAGAAACGGAGGTCCA  
GCCAAGTTCCCCAGGCTGGTCTCGAACTCTTGGCCTCAAGTGATCCTCCATGCCTGGGCT  
GGAAAACATAACCTTATGGGAAAGTTCCTAAAAATGGTTGAAGAACAAGACTGAAGGCTA  
GAATATGAAAGCTTAAATTCTGATTCTGCCC

>SEQUENCE:4633:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGTCTCCACCAGAAAACCATCGCCA  
ACTCCTGCGATCAGCTTGTGGCTTACAAACCTTGTTTAAAAGCTGCTTACATGGACTTCT  
GTCCTTTAAAAGCTTCCCCTTGGCTGTGGCCCTCTGTGTA\*GCCTGGGATCCTTCCAAGC  
ACTCATAGCCCAGATAGGAATCCTCTGCTCCTCCCAAATAAATTCATCTGTTCTGGAGAG  
CCTATCTTTCTGAGGTTGACACTTATCTTGCAGAATGGGGTTCCCACCCATCTTTGATCA  
TGAAGGAAATCTCAGATTTAGAATATGTTGCCAGGCTGCTCTTGAACCTCTGGGGTCA  
AGCAGTCTACCTCGGCCTCCAGAATGCTGGGATTACAGGCGTGAGCCACCATTCCCAGC  
CCACATTTCTTAAAAATGGTATTTTCAAGTCCAAA

>SEQUENCE:4634:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGCATGCAA  
TCAGTTGAGAGTTCAAATGGAACAAAAAGCCAAAGGAAGGGCAAATTATCTCTCTCTTCT  
TGAGTTGTCACATCCATCTTTTTCTGCCCTTGGACATCGGAGCAGGGCCCAGTGCACCAG  
GTTTTCTAGCTCTCAAACCTTGTAATGGTATCTCATGGGACTTCTCAGCCTCCATAATCA  
TGTGAGCCAGTTCTCGTAACAAGTTCCCTCTTACGTCTATATACATAAAATCTATCTATA  
TCCTCTCTTTATGTCTCTCAGGAGAACTCTAATAATGCATTAATCAAATATTACAAAAAT  
CTTACGATGAAAAGCAACAGTATCCCTCTACTTTGTTCTCTAACTCACATCTATTCCCCC  
AAACAACCTCTTAACCATTCTGTTTTAATAACTCTGAATAAT

>SEQUENCE:4635:prostate\_MPM2000-004P1Novel007-2-Table1

ACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTNTTTTTTTTTTT  
TTTTTTTTTTGGATTTTTAGTAGAGACAGGGTTTACCGTGTTAGCCAGGATGGTCTCGA  
TCTCCTGACCTTTTGATCCGCCACCTCGGCCTCCCAAAGTGCTGGGATTACAGGCGTGA

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GCCACCCAT

&gt;SEQUENCE:4636:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTACTATAGGGTTAATTGGAACCTCCACCGCGGTGGCGGCCGCGCCGGGCTGGTACAA  
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ACAGAAATTTATTATCTCACATTTCTAGAGGCTAAAAGACTGAAATTCAGGCATTAGAAA  
GGCCACACTTTCTCTCAAGTTTCAAAGGAGAATTTTTCTGGGCTGTTCCAGCTTTTG  
GTGGCTCCTGCATGTTTTGGTTTTAGTGGCACATCTCCAATGTCTGCTGCCATTTTCATA  
TGACCTTCTGCTTGTGCGTCTTCCCTTGCCCTTCTCTTGAGGACACCAGTCATGGATTT  
GGGACCCACCCTCATCCAGTATGACCTCATTTTAAGTAATTACTTATTTCCAAATAAGAT  
TACATTCTGAGGTTCCAGGTGAATGTGAATTTGGGGTAAACATGGATCTAC

&gt;SEQUENCE:4637:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGACTTATGCTTA  
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TCACATGGCTGAAAAGAGTCAGGGGAGGTGCTACACACTTTTTAAACAAGCAGATCTCAG  
GAGAACTTTATCATCAGACAGCACGAGGTGGGATTGAGCTAAACCATTAGAAACCACTC  
TATGATCCAGTCACCTTCCAGCAAGCCCCTCCTCCAACACTGACAATTACAATTCATAT  
GAGATTGGGGGTGGGGGGGGGCACAAATCCAAACCATGTCAAGAAGGCATTTTAAAAATTG

&gt;SEQUENCE:4638:prostate\_MPM2000-004P1Novel007-2-Table1

ACTATAGGGCGAATTGGAGTTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACTCTTTCCC  
TTTATTTCTCAGACTGGCCGACACTTAGGGAAAATAGAAAGAACCTATGTTGAAATATTG  
GGGGCGGGTTCCCCCGATACTTTTGGACATATATCCAGTAGTGGGACTGCTGGATCATAT  
AGAAGTTCTATTTTATGTTT

&gt;SEQUENCE:4639:prostate\_MPM2000-004P1Novel007-2-Table1

TACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACTT  
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TGGTGTGATCTCAGCTCACTGCAAGCTCCACCTCCTGGGTTACGCCATTCTCCCGCCTC  
AGCTTCCCAAGTAGCTGGGACTACAGGCACCTGCCGCCACACCCGGCTAATTTTGGTTTT  
GTATTTTATAGTAGAGACAGGGTTTCACTGTGTTAGCCAGGATGGTCTCGATCTCCCGACC  
TCGTGATCCGCCCGCCTCAGCCTCCCAAAGTGCTGGGATTACAAGTATGAGCCACTGAGC  
CCGGCCTCTCTGTAGCTTTTAAGATGTTCTTAGGTGACTTATGAGAATGAAAAAATGGAG  
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&gt;SEQUENCE:4640:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGATCTCCACCGCGGTGGCGGCCGAGGTACCATAATTAGTTTA  
GAATTCAGTCTTTTAAATTATTTGCACCTTGAGACTCTGTGAAATGAAAACATTTAACAG  
TAAACTCTTGTCCCAAGGGAGCAAAGTGAGAGTAAATGCTGGTCCATAGGATGGGGAAAA  
AGGACTGTGTTACCATGAGTTTTTCAGGATGCAGCATAAAGCTTATCTAAATACTACAC  
AGATCATTATCTTTTAAACCAACCAATCATATATTCAAATAAGGGAAAAATATGTAAGC  
TTTTCTTTTGAACCTGAGACACCAGGAGCCTTAAACCACAAATAATCTACTGTAGCTAT  
GGACAGGGTAGTCAAATTTATTTCAAACAAAAGCTTTGTTGGGCTGCATCAAATGCAGG  
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&gt;SEQUENCE:4641:prostate\_MPM2000-004P1Novel007-2-Table1

GCGGTCGCGGCCGAGGTACTTNNTTTTTTTTTTTTTTTTTTTAAAGGCTTCTTCAAATATG  
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TTTACCTTGAAGGCGCCACCACCCATGTGCCTCTGGTATTCACAGCAGCACTTGCTATCT  
CTCACTATGGTGGATTCTGACCTTTAGGCAGCTCAGGGTTTCATTGCCCTAGCGGGAAAC  
AGATTGAGAGCTTTCTAGCCTGGGATATGTTGCACACCTTATACATTAATGACTTTAGGT  
AGGTGCTTTTTTACAGCCAGTGCTGTCTGTGAAAGTTATAACCTTTCTGACATTTCTGA  
CACACGTTGCAGCTGGATACTCAAAGTTGTCTCTGTTTCTTTCAAAGAGGCTCATCTTG  
GCTTGTTAAGTTTCCATGTGGACTATTGAGA

&gt;SEQUENCE:4642:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACTCTGG  
G  
AGGCTGAGGCAGGTGGATCACCTTAGGTCAGGCATTCAAGACTAACCTGGCCAACATGGT  
GAAACCCTGTCTCTACTAAAAAATACAAAAATTAGCTGGGCAGGGTGGTGCATGCTTGTA  
CAGCATCGTAGGGTTCCCTAAA

&gt;SEQUENCE:4643:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCAAATACAATCTGTAAA  
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AGGGCTTNCTCCCACTCATCCCATTCTTACCAGAATCGGCCGAGGTGTTACGGGGGCCA  
GAGAAAGCACAAACATGGATTGAGAAGTCCAAAGAAATGCAGTTCGTTGCGCCCAATCAG  
AGATAGATGATTTCAATCAACAAGGCTTGGAAGCCCCAGTTGGGAAAGTCGATAAAAAAT  
CTTGCT

>SEQUENCE:4644:prostate\_MPM2000-004P1Novel007-2-Table1  
CTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACACTGGAGGCTGG  
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GGGTTCGCTCCACCACCCAGCTGGGTAGCCGCTGCTCTCACATAAGGGGTCCAATTA  
ATTGCCAGGAATAAATTCCCCCGGACTTTGACTTCTCAAGAGCTAAGAAGGTTTGCTGAG  
TATTCTGGCATGATGTTTGGTGATCAAACAACCTGCTGGCCAAAAATGATGAGTATTTCCC  
CCTCTTGCTGAAGATGTGCTCCATAACAATAGTCCATCACATTCATCATTATCAGTCTGG  
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>SEQUENCE:4645:prostate\_MPM2000-004P1Novel007-2-Table1  
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ACAGGCGCGTGCCACTGCGTCCGGCTAATTTTTGTATTTTAGTAGAGATGGGGTTTCAC  
CATGTTGGCCAGGCTGATCTCAAACCTTCTGAACCTCAATGTGGTCCACACCACCTTTGGC  
CTCCCCAAAGTGGCTGGGATTACAAGGCGTTGAATGCCACCGCGCCTTCAGCCTACAAAT  
GGCAATTTTTTTAAAAACCTGGACANCGCTATTACTTGGGATAAAATTTCTTCTGTTTTA  
AAAATTCTTATTTTACCTATTTTTTAAAAGAATAAAGTAATTAGGTTTTTTTTTTTTTT  
T

>SEQUENCE:4646:prostate\_MPM2000-004P1Novel007-2-Table1  
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AGGGAATGCCAATCTATGGTCCGTAGCTGAAGCAGCTGGACAACAGGTGACAAGAAATAG  
TGAGGGAAGCCAGATGAAGTGAAGTGTGTTTATTAATGATCTCCATTTGTCTTTTGGG  
AAGATACAGGGTCATATTTCTTATCTACTCAAATAAAATGTTATTTAACACCAGAAGCAA  
TAGTATCTGTGGTGGGCAGAACAATACCCCACTAAAGATGTCTACGTCTTGGGCCAGGCG  
CAGTGGCTCACGCCTGTAATCCCAGCACTTTGGGAGGCCAAGGTGGGCAGATCACGAGGT  
CAGGAGTTCGAGACCAGCCTGATCAACATGGTGAGGCCCGTCTCTACTAAAAATACA  
>SEQUENCE:4647:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:4648:prostate\_MPM2000-004P1Novel007-2-Table1  
TATAGGGCGAATTGGAGTCTGCCACCGCCGCGCGGGCGCGCGGGCGCCCGGGCAGGTAC  
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CTCGAATCTAAAATAAAAGCAGAAATTATATGAAAAAACTGGGGTGGGAGTTGGAAGGAA  
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TAATTATTCTCAAGAAACCCCAAATTCTTCCACCTTAGGAATGAAA

>SEQUENCE:4649:prostate\_MPM2000-004P1Novel007-2-Table1  
GCGGAATTGCACCTCCAGCCGCGGTGCGCGGCCGCGCCCGGGCAGGTACAAAGCATAACAAA  
ATTTTCAATCTTCACCATTTTAAAATGCAATTCAGTAATGTTTCAGTATATTCACATTCTT  
GGGAAAGAGATCTGCAGAACTTTTTATCTTACAAAACCTGGAGGTCTATGCATATTAAGA  
ACTCTTTTTCCCTCTCCCTGCATCCTTTGGTAACCACCACTCTACTTCCTATTTCTGTGA  
ATTTGACTACTTTAGATACTCCATATAAGTGGTATCATACAGTATTTGTCTTTTTGTGAC  
TGGCTTAATTACCTTAGCATAATGTTCTCAAGATTGTAGAATTTAAGGGATTTTCTTCCT  
TTTCAAGACTGAATAATATTTCCGTCATATTTGTATATCACATTTTGCTTATCTGTTTCA  
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>SEQUENCE:4650:prostate\_MPM2000-004P1Novel007-2-Table1  
AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCCGGGCAGGTACTTCAGTTCCTATT  
GCCATGAAAAATTGTATCCAGCAGCTAAAAAAAAAAAAAAAAAAAAAGACTACAGTTAGTC



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ATTATCCAATTTGATGATTTATGGTCCAACACTAATGCTCATTTTTTTGTTTGTTTTACA  
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AGGAAATATCAAAAAGGTCTGAATAGACAACAGGCAAATATGCTTCCACCTACCGAAAGA  
GTTTTAGGTTGGCAGACAGATGGGTGCCTTATTTTCTGTGAAACTGAAGTTTTAAACACT  
GGCCAGAAAATGTTTGATTGCCATTTCAACACATGGAAAAAGTTACATTGATGCCTAAAT  
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>SEQUENCE:4651:prostate\_MPM2000-004P1Novel007-2-Table1

ATACACTACTATAGGGCGAATTGGAGCTCCCCGCGGTGGCGGCCGAGGTACCCGGGGAG  
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>SEQUENCE:4652:prostate\_MPM2000-004P1Novel007-2-Table1

GGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTCGAAGTTTATCCAGAAGCAA  
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TTTAGTATCTTTGTTGTTATTTGTGGATGATTCAAATAATTCCCGTATAAACCCTTATCT  
CTGGATTCACATATTAAGAGATTCAAGAGACATATGTAAAGCATCATTATTTTTCTCCAC  
AACTGGGTCTGAAAAATAAATCAAACAGGAATGTTTCTGTCCATCTTGTGATAACATCA  
CTTAACATGGCTCTGTCCAAAGGAACCTTCTGTGATGACAGAAATGTTCTGTATCTGCAC  
TGTCCAACGCAGTCACCACTAGTCAGTGTGGACACTGGGCACCTGAAGTCCCCGCGTACC  
TGCCCGGGCGGCCGCTCTAGAACTAGTGGATCCCCGGGCTGCAGGAATTCGATATCAAG  
CTTATCGATTCCGTCGACCTCGAGGGGGGGCCCGGTACCCAGCTTTTGTTCCCTTTA

>SEQUENCE:4653:prostate\_MPM2000-004P1Novel007-2-Table1

TATACGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACAAAATGGTCC  
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>SEQUENCE:4654:prostate\_MPM2000-004P1Novel007-2-Table1

TGGAGCTCCACCGCGGTGGCGGCCGAGGTACACACCGACCTGGAGCTTACTTAGGATTTT  
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TTGTGTTTTAACAAGTTCTCTATATGATTCTGATGCACACTAAAGCTTCAGAATCACTGC  
TGTAGTATAAACTGTGATGGTTCTCAGCCTTCCCCACTGCTGGCTTAGGTGTTTGCTTTC  
TTGGGTCTACTAAGTCAGTTAGTTCTTTATCTGTTTCTTTCCAGTTTCCAAAATTTTTG  
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>SEQUENCE:4655:prostate\_MPM2000-004P1Novel007-2-Table1

GGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTCTTTTTTTCTTTCTTTC  
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GATCTCAGCTCACTGCAACTGATTCAAGCGATTCTCCTGTCTCAGCCTCCTGAGTGGCTG  
GGATTACAGGCACCCCGCCACCATGCCAGCTAATTTTTTGTATTTTGTAGTGAACCGGG  
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>SEQUENCE:4656:prostate\_MPM2000-004P1Novel007-2-Table1

GCGGCCGAGGTACTGATGCTTATTTTTTTGTTTTATGACACAGGGACTTCCTTACTCAC  
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CTGATCCCTCTGGCCTCAGCCTCCTAAGCAGCTGGGACTAGAGGTGTGTGCCACCATGCC  
CAGCTAATTTTTATATTATTTATAGTGGCGGGGTTTTGCCATGTTGCCAGGCTGGTCTC  
GAACTCCTGAACTCAAGCAATCCACCCGCTGCCTCAGCCTCCCAAAGTGCCAGGATTACA  
GGTGTGAGCCACTGTGCCAGCCCTGATGCTAATTTTTAAATGGACATTTGAATTCTCA  
AAGAAATTTGTGTTGCCTCTTGTCAAACCAGGTCACTGAAATGATAACCCACACAATAAG  
CCAATG

>SEQUENCE:4657:prostate\_MPM2000-004P1Novel007-2-Table1

CTCACTATAGGGCTAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATTTTCTTTTTT  
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CAGTGGCACAGTCACCACTCACTGCAGCCTCAGCCTCCTGGGCTCGATCGATCCTCCCAC  
TTCAGCCT

>SEQUENCE:4658:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATTGGAGCTCCACCGCGGCGGCCGCGCCCGGGCAGGAACTATAGCCTTTATCCGT  
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CCCGGGACTTACCAACACCCTGCTAAGGAAGTTCTGTGTCCAAGGCCACCCAGGCTGGG  
TTGTCCCCACCTACATCCAGCCACACAAGCCCAGGCAGCAATCCGG

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>SEQUENCE:4659:prostate\_MPM2000-004P1Novel007-2-Table1

GGCCGCCCCGGGCAGGACTAAGGGTGACGAATAGGCGAAANNGTTTATAACCTTAGCCTGG  
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GGCATTATTAGCATATTGTATATTATATAAGATTGAGGGATGTCATATTTTCAGCTTTC  
TTTTAAATAAAAATTGAGTATATTTTCCTATTTTATATCAGGTAACATAATTATGCTAGT  
TATGTGGAAAAAATTGCAAAGATGCTTTGACAGATATAATCCCTTTGGTGCTCCATCTGA  
TCAAAGTTGAAAAGTTGATGTTTTTAAAGAGACAAGCTTTATCATTGTCTCTGATTTTCAG  
TAGAATAATGGTTTATTGTTAGACAATGATGTTTCTGCTTGGATAAATCAAAGATAAATT

>SEQUENCE:4660:prostate\_MPM2000-004P1Novel007-2-Table1

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AGCAAAACTGCTCCACACATGGGCCACATAATATAGCCACTTGTTTATTTAAATTTTTGA  
CCTATGTGATAAATCCTGATGCTCAGTTGTCTAAAAATGTCTTTGTAAGCATCTGAATAT  
ACCTAATACTGAAATAAGAGTTTAAAAAGCTGACAACACAATCCAAGTTTTACATTTATT  
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>SEQUENCE:4661:prostate\_MPM2000-004P1Novel007-2-Table1

GGAGCTCCACCGCGGTGGCGGCCGCGCCGAGGTACGATCTTGGCTCACTGCAACCTCT  
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CGTGCCACTGCGTCCGGCTAATTTTTGTATTTTGTAGAGATGGGGTTTCACCATGTTG  
GCCAGGCTGATCTCAAACCTCCTGACCTCATGTGGTCCACCCACCTTGGCCTCCCAAAGTG  
CTGGGATTACAGGCGTGAGCCACCGCGCTCAGCCTACAAGCAATTTTTTAAAAACTGACA  
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>SEQUENCE:4662:prostate\_MPM2000-004P1Novel007-2-Table1

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AAAGAAGTGGCATCTGCAGGATCTCCAGCTAGGAGACTAAGAAAATGCCCAGAAGAGAAA  
TGCCAATGCTTTTGCAGTTCAGTCTGCTGTGTGGATGTCTCGATCCTTTACAGGACTCT  
GGATTTGAAGACACAAAAGCATCATATCCAGTGGTTGATGGAAGTCCACTAGAGCCGCC  
ACCAATACCGGTAGTGGTGACGGGGCCTTCAAAGTTGGAAAGAGCACTTTGATATAATGC  
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>SEQUENCE:4663:prostate\_MPM2000-004P1Novel007-2-Table1

ATACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGAGGTACG  
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CACCCACCATACTCAGCTCCTTTCTGAAAGTGTCTCCTCCTTAGGCCTCTAGAAACGCC  
ATGGACTTTAGGAAGGGCCAAGTGACACCTTCCATGATGTTTGGTTCTGGTCCAGATGGA  
TCTGGAAGACAAAGATTTGGGGAGAGTGACCACATGGCTGGTAGCAATAACAAGGCCTCT  
GGCTCTGAATTGCTTCCTATGGTCCCGGTAGAACTGCATAGTTCAGAGCCAAGGGGAGA  
TGAGAAGCCTTAACGTGGAAGAGGGACAAGAGAGATGAATTGGTCCCTCTGCAACCCAAC  
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>SEQUENCE:4664:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGTGGTG  
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CCCGAGTAGCTGGGACTACAGGCATCTGCCACCACGCCTGGCCAATTTTTTTTGTATTTT  
TAGTAGAGACGGGATTTCACTGTATTAGCCAGGATGGTCTCAATCTCCTGACCTCATGAT  
CCAACCTGCCTTGGCCTTCCAAAGTGCTGGGATTACAGGCATGAGCCACTGCGCCCAGTC  
GAGTTCATTTTT

>SEQUENCE:4665:prostate\_MPM2000-004P1Novel007-2-Table1

GGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGAGGTACTTTTTTTTTTTTTTTT  
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TTTTTTTTTAAACCCTCACAATTTAGTTCTGGGCTCTGTGCTTGGGCTCTTGAAATTCGG  
TGGCAGTGGCCTGAATCCCCATGCCCACTGTGACAGAGCAGGAGCACCATCCTCTCGGAC  
AAACACCGCCACTTTAAGTGCCAGCTCCCTTTCCAGCCTCATGCATTTCAAAAAAATCAC  
TTCTCTTTTAAACCAAGCAGACAGAAAGAGCAGACAGTAAACATTGATGAGACAGCTC

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AGGCACAAAGGGAGGTGGGGGGGAAAGTTTTTTGGGTAATTGCCAAACTTAACCCT  
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ATCTCAATGGCTAGATCAGTGCTATATAACAAAACCTTTCTGCAGTGATAGAAATGTACTA  
TATCTGAACTATCCAAGATGTTAGCTACTAGCCACTTATGACTGTTTAGCATTTAAAATG  
TCACTTGTGGAAGTACAAAATCAACTTTTAATTTTACTTGATTTTAATAAATTTAAATT  
TAAATAGATACATGTGTCTAGTGGCTACCACAATAAATAAGTGCAGGGCT  
>SEQUENCE:4667:prostate\_MPM2000-004P1Novel007-2-Table1  
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ACCGTCACTGCTGCTCCGCTAGGCTTGGTGGTGTGAGGATTTTCTTCTGTTCTATCGTG  
GACTCTCTCTCCCCTTTCTCTCTTTTTTTTTTATTATTTTCTCCATTTTACTCTGACATTA  
TTGAGTGTCTCCCTCTAGTTCTCATCTTTCTCTGCCTTCACTGTGGGCAATGACTCTTTT  
CCCTCCTACTTGTTGACTTTTTTCATCTCCAGCTTTTCTGCCTTCTGCTGAGTTCACTT  
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>SEQUENCE:4668:prostate\_MPM2000-004P1Novel007-2-Table1  
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AAATAATACTTCCCTTTCCCCTGATATTCTCTATCCACCTTATCCTGTTTGATTTTTCTG  
CACTGCCCCATCAACCATTGACATATAACATGTCTACTTGTTTATATATGTATTGTGTTT  
CACCAGCATTGAAATGTGACTTTTACGAGGGGTAGGGATTTTGTCTGTTTTATTTAATAC  
TGTATCCCCAAGAATGCCTTGCATAAATTGGGACTAACAAATATTTATTGAATTGAATAA  
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>SEQUENCE:4669:prostate\_MPM2000-004P1Novel007-2-Table1  
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ATTCCGGGCATTTTATGTAAATGGAATCGTATGATATGTGGTCTTTTGTGATCGTCCTTT  
TACACTTAGCATGATGTTTTTCATGTATATTACGGTCCGGTGTGGTGGCTCACACCTGTA  
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>SEQUENCE:4670:prostate\_MPM2000-004P1Novel007-2-Table1  
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TTGTGTATTAACCCATATATACACACACATATAAACTTTTTATTTAATTTTATACCTAT  
ATTATGCTAACTTGGAATATATTGACACATCTGCCCTAAGTTAATACCACATGAATGT  
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CTGCCACA  
>SEQUENCE:4671:prostate\_MPM2000-004P1Novel007-2-Table1  
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TTCATTAATGTTTCAATAATAAGGAATGAATTCTCTTGCTTGACAAACCAAGCATGGAA  
ATTTCCCCCTAAGAGAAAAGAAGAAATTTAAATGATTTCCATATTCAAGTCACAGCACCG  
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ACTCATTACAGTT  
>SEQUENCE:4672:prostate\_MPM2000-004P1Novel007-2-Table1  
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GATCTCCTGACCTCGTGATCCGCCCTCCTCGGCCTCCCAAAGTGCTGGGATTACAGGTGT  
GAGCCACCGCGCCTGGCCAACCCTGCTCTTGAAATGTCTAAATCTTTTCTCACTAGCAT  
ATACAATTCAAATGCACAGGCCTCCATGACTTCTTTGGAATTTAAAAGAAGCCTTCATTT  
CAAGGATAGAAATATGTAAAAATTTACCAACCATGGCTAAGTTTGTTATGGGAGTAGTGG  
AAGGGACATGGAAAAAAA



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&gt;SEQUENCE:4673:prostate\_MPM2000-004P1Novel007-2-Table1

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GATTACAGGCGCGTGCCACTGCGTCCGGCTAATTTTTGTATTTTAGTAGAGATGGGTTT  
CACCATGTTGGCCAGGCTGATCTCAAACCTCCTGACCTCATGTGGTCCACCCACCTTGGCC  
TCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCGCGCTCAGCCTACAAGCAATTTTTTA  
AAAACCTGACACCTATTACTGATAAAATTCTCTGTTTAAAATCCTATTTACTATTTTAAAG  
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&gt;SEQUENCE:4674:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCCGGGCAGGTACTTTTC  
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CTTTGGGTTGGCCCAGGATCAAATTTGATATTGAATAATTTATTCCAGGGCAGCTTTTCAT  
AAACATACTTCATAGATGTTGTTTTGAAATGTTTCTAAATATCTAAAATCATTTC AACAG  
CAGAAATGATTTTTATTTTAAACAAAAGATTATGATAGCCCTTGTAGTGTTTAAAAGTGGT  
CATATTTATTACTGACTTTGAGTCAGGTGTTAAAATAGCAGTGCCACAGCTCGTCTCTTG  
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&gt;SEQUENCE:4675:prostate\_MPM2000-004P1Novel007-2-Table1

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ATCAGCTCCAGTCGGAGAATCCAGAAAGGAGAAGAGCTCTGCTATGACTATAAGTTTGAC  
TTTGAAGATGACCAGCACAAAGATTCCGTGTCACTGTGGAGCTGTGAACTGCCGGAAGTGG  
ATGAACTGAAATGCATTCTTGCTAGCTCAGCGGGCGGCTTGTCCTAGGAAGAGGCGAT  
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&gt;SEQUENCE:4676:prostate\_MPM2000-004P1Novel007-2-Table1

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CCAAAGTGCTGAAATAACAGGCGTGAGCCGGCACACCCAGCCAGACTATTCAGACATGT  
AAATATTTGACACTTTTGTGGAATAAAGGCTGAATATGGTATTTTTCTACACTGATTAAA  
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&gt;SEQUENCE:4677:prostate\_MPM2000-004P1Novel007-2-Table1

CTCCTTCGGCAATTGTTCTCCCCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTTTTTTTT  
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&gt;SEQUENCE:4678:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAATAGTCG  
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GTCCTATGGGGAAATTTATTTTTTTTAAATGTCCTGATCCTTAATGCTGCAAATTATCAGT  
ATTCATAAAGTAACTGATTTTGCACCACTTTTTTGTACTGTGACCACGGTATAACAAT  
GTACTTCTAGACTATATCTATGTAAAGTTATTATAATGGTATCTG

&gt;SEQUENCE:4679:prostate\_MPM2000-004P1Novel007-2-Table1

CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGGGAG  
C  
TAGCCTGGCACCTGGACTCTGCCCATCCACAGCTGACAGATTCCAACAGAAGTGTATTTA  
AATTCTCCAGTAGACAATGCTGGGTAAAGGGAGGGGGTAGGGCTGGGTTATTAAGATTGAG  
GC

&gt;SEQUENCE:4680:prostate\_MPM2000-004P1Novel007-2-Table1

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GTGAGCATGGCTGCCTTGGCCATGGTGTGTGAGGCCATAGACCAAACCTGAGCTGCAGCT  
GGACTCTTTCATGCCTGGCCCTTGGAAGCTTCCTTTCTCTTTCAGCTCAATCAGACG  
CTGCAGAAGCCCCACGCAGAGGAGCAGAGCAGTTATGCTCACCCCTTGGAGTGCAGCAGT

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GTTTTGGAAGAATCGTCATCTTCCCAAGGATGGGGAAAAATAGTTGCACAATATATTCAT  
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>SEQUENCE:4681:prostate\_MPM2000-004P1Novel007-2-Table1

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TTTTGTCTGGGGGGGG

>SEQUENCE:4682:prostate\_MPM2000-004P1Novel007-2-Table1

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AATTTTTCATTCTACTAACCATGTATGAAAGCACCTGTTGCTCCACCTCCTTGTCCACA  
CTTGGTATGATCAGTTTTTAATTTTAGCTATTCTAACAGTTGTGCAGTGGCATCTCATTG  
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>SEQUENCE:4683:prostate\_MPM2000-004P1Novel007-2-Table1

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GGAACAGCAACTGGAAAATAGCAGGGGGCAGAGTGTGCCTGCCACTGGTCAGGGCAGAGAG  
TGTGAGGAAACAAAGGTAAAGAAGTAAAATTTTTCCAGCTATCCTGTTTCTAAGTTCCA  
AAAGCTATTTCTTCTTTTGAATATTTCAATTTATAGGACTTATTCTCATCTTTTGATGAA  
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>SEQUENCE:4684:prostate\_MPM2000-004P1Novel007-2-Table1

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AGTCACTGCCACAAGGACCCGCCACAAAGAAGCCTTTACAAAAGGCCTTGATGTATCTTT  
TCACCCACCCTTGTGACTGTGCCATACCCTTTCTCCCGCTCTTCCTCGGTGAGAAGGGGT  
AAAGTGTTATTTTGTGCCCTCGCCCAATTTGGCCAAAACCCCGCTGCGCAGCTCAGCCC  
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ATCCCCCGGGCT

>SEQUENCE:4685:prostate\_MPM2000-004P1Novel007-2-Table1

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CTCCATCCACCTCCTGTCAGACCAGCAGTGGCATTAGATTCTCATAGAGCACAAACCCTA  
TTGTGAACTGCGCCATGCAAGGGATCTAGGTTGTATGCTGCTTATGAAAATACAATGCCT  
GATTATCTGAGGTGGAACAGTTTCATCCCAAAGCCATCCTCCAGCCCCCAGGAGTCCA  
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ATGCT

>SEQUENCE:4686:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACT  
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ACAGGGGAAACAGCCTTCTATTGGAAGATTCCACCTAGGGCTTTTCATAGTTAGACAGAAG  
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CTTGCTGCTTTGCCACCCCATTCCTCGTCAATAAAGTGGTTTGAACCCAAAAAAAAAAAA  
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>SEQUENCE:4688:prostate\_MPM2000-004P1Novel007-2-Table1

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CATCTCTGCTAGAAATACAGAATTGGCCGGGTGTGGTGTCAACGCACCTGTAGTCCCAGT  
TACTTGAACCTGGGAGGCAGAGGTTGCAGTGAGCCGAGATTGCAACACTGCCACTCCAGC  
CTGGGTGACAGAGCAAGAGACCCTGTCCCAAANNAANNAANNAANNAANNAANNAAGTACCTC  
GGCCGCCCGGGCAGGTACGCGGGGAATTCTGCGGCAAGCGCTTTGAGAAGCCAGACAGT  
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>SEQUENCE:4689:prostate\_MPM2000-004P1Novel007-2-Table1

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TCTGGGACTACAGGCACACATCACACACCCAACATGGTGAAACTCCATCTCTACTTAAA  
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>SEQUENCE:4690:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:4691:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:4692:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:4695:prostate\_MPM2000-004P1Novel007-2-Table1  
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AGCCTCTAGTCCTTCAACTTCATCTCATAAGAGCTCTCCTGCTCCTGGTCCTTCATTTGC  
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>SEQUENCE:4697:prostate\_MPM2000-004P1Novel007-2-Table1  
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TTCCTCTCTATCTGCCTAAAATAATTTATCAATAACTCCTACAACATTCCCCCTGTGGA  
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&gt;SEQUENCE:4698:prostate\_MPM2000-004P1Novel007-2-Table1

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ATTTTAATTTGTGTTTTACTGATGGATGATGTTGAGTATCTTTTCATGGGCTTATTGACC  
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&gt;SEQUENCE:4699:prostate\_MPM2000-004P1Novel007-2-Table1

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GCCAAGCCAGAGTGCACGATGTCTTTCTCAGATGCACCCGATATCCTGTCTTGGAACCTCT  
GCCGTGGGTACCCAGGGGTCTGAAAATCTCTCATTTAGTAGTCGATAGCAAAATTGTTCA  
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&gt;SEQUENCE:4700:prostate\_MPM2000-004P1Novel007-2-Table1

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GGGGGAAAGGGAAAACAGCAGCCTCCAGCCCATCCACTTGTGTCTTCTGCCCTTCCCAC  
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&gt;SEQUENCE:4701:prostate\_MPM2000-004P1Novel007-2-Table1

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TCCTTCATGTGGCAGAGCTGGCTGTGGCGTTTAGGAGCCTACATTTTAGAAAAGCTTACC  
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&gt;SEQUENCE:4702:prostate\_MPM2000-004P1Novel007-2-Table1

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CCCACCCAGAAATTGAGAAAGCTGATGATCATCTGCAGCAGCCCTTGCAAAACCAAAAAA  
TACTGAAGAGGACGGGACAACGCTATGAACACGGAAGAAGCTTTGAAATCATATTTAGGTT  
TAACCAACCAGAGCAGAAGATACAACAGAAAGGAGCCTGCTGAGTTTAATGGAGATGGAG  
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&gt;SEQUENCE:4703:prostate\_MPM2000-004P1Novel007-2-Table1

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&gt;SEQUENCE:4704:prostate\_MPM2000-004P1Novel007-2-Table1

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&gt;SEQUENCE:4705:prostate\_MPM2000-004P1Novel007-2-Table1

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GAAATCAGACCACTACCTCTGCAGAACACATCTTACTGGTAAAAGGAACAGCCCACATG  
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&gt;SEQUENCE:4706:prostate\_MPM2000-004P1Novel007-2-Table1

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CAAAGTGCTGGGATTACAGGCGTGAGCCACCGCGCTCAGCCTACAAGCAATTTTTTAAAA  
ACTGACACCTATTACTGATAAAATTCTCTGTTTTAAATCCTATTTACTATTTTAAAGATA  
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&gt;SEQUENCE:4707:prostate\_MPM2000-004P1Novel007-2-Table1

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&gt;SEQUENCE:4708:prostate\_MPM2000-004P1Novel007-2-Table1

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CCCACCTTGGCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCGCGCTCAGCCTACA  
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&gt;SEQUENCE:4710:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:4711:prostate\_MPM2000-004P1Novel007-2-Table1  
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CACCTCTACCACTGCAAAATCCCATTACATTTGTCTATATACCTGTCATAATGGCCCTG  
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CACTGCAACCTCCACCTCCCAGATTCAAGCAATTCTCCTGTCTCAGCCTCCCAGGTAGCT  
GGGATTACAGGTGTATGTCATCATGCCAGCTAATTTTTGTGCTTTTAGTAGAGATGGGG  
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GCCTCCCAAAGTGCTGGGATTACAAGTGTGAGCCACTAGGCCCGACCCAATTCTTTAAAC  
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CATGGCCAGGTAGGGCTCGTAGATGACCGAACGGAATATCCACCTCCAGCGCTGCTCATT  
CTGCCTAAGGATCCCTTGCCTGGCCACGCCAAAGGCCACCATCCACACCGCAAAGAGGAA  
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>SEQUENCE:4718:prostate\_MPM2000-004P1Novel007-2-Table1

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TATTGAGCAGAGTTGGGGAAGTCCCAAAGTAACAAAAGATGGTGTGACTGTTGCAAAGCC  
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TAACACAAATGAAGAAGCTGGGGATGGCACTACCACTGCTACTGTACCTCGGCCGCGCTC  
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>SEQUENCE:4719:prostate\_MPM2000-004P1Novel007-2-Table1

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AGGCTGAACCTGCAGTGAGCTGTGATCATGGCACTGCACTCCAGCCTGGGCGGTAAAAGT  
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>SEQUENCE:4720:prostate\_MPM2000-004P1Novel007-2-Table1

ATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGTTTTTCTTTGTAATTAATATTCTAT  
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GTGCAGTCAGCAGATAGCTTCCAGCACTTTCTGCATGACTCATATCACCCAAGGTCACAC  
CCTTCTGGTGCAGCTTGCACACAATGCCTGAGTGAGATGGGGTGGAACTGCCCACTTCA  
GAGCTCCCTGCCGGTTGCTGAAGCCAGGACTACATTTAGTGAGATTGCTCCCTTAGCCC  
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>SEQUENCE:4721:prostate\_MPM2000-004P1Novel007-2-Table1

TATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATGACT  
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AAAGTCTCATTGGTAGAAGAGACATGCATGGTAGAAAGGATGATGCACAAAAGCAGCCTG  
TTAAAAATCAGCTTGGATTAAACCCGCGAGTCACATCTACCAGAACTGCAGCTATTTCAAG  
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GTAATTTTGTGGATTCAATTATTCACACAAAAAGAGAAAGCAAATATTGGGACAGAACACT  
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>SEQUENCE:4722:prostate\_MPM2000-004P1Novel007-2-Table1

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CTGGCCTTAAGCGATCCTCCCATCTCAGCCTCCCAAAGTGCTGGGATTACAGACCTGAGC  
CACACACCTGGGCAACAGAGTGAAACCTGTCCCTGTTTTCTGCTCTTACTCTCACCTC  
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>SEQUENCE:4723:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:4724:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACTTTTT  
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TTGTGCCTTAAGAGACTACAGAGTCAAAGCTCATTTTTAAAGGAGTAGGACAGAGTTGTC  
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>SEQUENCE:4725:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCAATATGCATTC  
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ATGATAGGCTGGGCACGGTGGCTCATGCCTGTAATCCCAGCACCTTGGGAGGCCAAGGCA  
GGTGGATTACCCAAGGTCAGGAGTTCGAGACCAGCCTGGCCAACATGGTGAAACCCCGTC  
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CTCGGGAGGCTGAGGCAGGAGAATCACTTGAACCCAGGAGGCGGAGGTTGGAGTGAGCC  
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>SEQUENCE:4726:prostate\_MPM2000-004P1Novel007-2-Table1

ACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACGCGGGGT  
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TCCGTAATCATGACAAGGAAATTGAAAAGATGTGTAATTTTCATCATCAGGGTTTTGTAG  
ATGCTATTACAGAACTCCTTAAAGTAAGGACTGATGCAAAAAAACTGAAGGTGCAAGTTA  
CTGATACCAACCGAAGGTTTCAAGATGCTGGAAAAGAGGTGATAGTCCACACAGAAGATA  
TCATTCGATGTAGAATTCAGCAGAGAAATATTACAACCTGTAGTAGAAAAATTGCAGTTAT  
GCCTTCCTGTGCTAGAAATGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGC  
AGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAAGGGGGGCCCGGTACCCAGC  
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>SEQUENCE:4727:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACACATATC  
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CGGCATCAAAGAATCCACACAGGCGGAGAAGCCTCACAAGTGCAGTGAGTGCGGGAAGGGC  
TTTAGTGAGCGCTCCAACCTCACTGCCACCTACGAACTCACACAGGGGAGAGGCCCTAT  
CAGTGTGGGCAATGTGGGAAAAGCTTCAACCAGAGTTCCAGCCTCATTGTCCACCAGAGG  
ACCCATACTGGGGAAAAGCCTTACCAGTGCATTGTCTGTGGAAAGAGATTCAACAACAGT  
TCCAGTTCAGTGCTCACCGGCGCATCCACACTGGGGAGAGCCCATACAAGTGTGCAGTG  
TGTGGGAAAATCTTCAACAATAGCTCCCACTTCAGTGCCACCGAAAAACCCACACTGGT  
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CGTCATCAGACAGTACCTGCCCGGCGGCCGCTCTAGAACTAGTGGATCCCCCG

>SEQUENCE:4729:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATCGGAGCTCCACCGCTGTGGCGGCCGCCCGGGCAGGTACTCTGCACTTTTTTTTG  
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TAGACTATTTTACCCCAAATTGTATTTATTAATTTGGCTATCCCATTTGAAAAACAAA  
TTGATCTTAGCATGGTGGCTAGCTTGAGGCAGTCTTACTGAGCCAGTATAATTTTAGCT  
AACACAGTTGTGTCTCATGTGAAAGTATGATTTTCTTTAGGTTTTTTTTTAATTGAAAG  
TAACTCGTGAATTCTCTTTATTATCTATTCTAAGGGCTTGAGGATATCATGTTATCCCTG  
GATGAGATATCCTTCCCAGGCCTAACATTCTGATTTAACAACACTTTCACTAAAGCCTTT  
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>SEQUENCE:4730:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTTTTTTTTTGTAA  
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AGCTGGAACCACAGGTGTGTGCCACCATGCCAGCTAGTTTTTAACTTCTTGAGAGAT  
GGGGTCTTGTCATGTTGCCAGGCTGGTCTTGAACCTTCTGGGCTCAAACGATCCTCCTGC  
CTTGGCCTATCAAAGTGCTGGGATTACAGGCGTGAGCCACTGTGCTACACCAAATGTTGA



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CAAGGCTGTGTGCAACCTGAATTGTCATACATTTGTGGTGAAAGGATAAAATGATACAAT  
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>SEQUENCE:4731:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACA  
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CCCTTTAAAGGTTAGTTTGTAAATCAGGTAAGTTTATTTATAATTTGCTTTCATTTATT  
TCACTGCAAATTATATTTTGGATATATATATATATATTGTGCTTCTCTGCCTGTCTTAC  
AGCAATTTGCCTTGCAGAGTTCTAGGAAAAAGGTGGCATGTGTTTTTACTTTCAAATATT  
TAAATTTCCATCATTCTAACAAAATCAATTTTTTCAGAGTAATGATTCTCACTGTGGAGTC  
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>SEQUENCE:4732:prostate\_MPM2000-004P1Novel007-2-Table1

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GTGATTTTCTATTAAAAACCTGGACATTTTGGATATTATGAGAGTCTGGATATTACTTTGA  
CTTTCTGTTTTAGCTGGCTTTCTCTGACACTGCTCTAAAAGAGGCGAGCGCAGGGAGGCAC  
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>SEQUENCE:4733:prostate\_MPM2000-004P1Novel007-2-Table1

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCCGAGGTACGCGGGGGTT  
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GAAACTCCTGACCATGGATCCAACCAAGAGAATTACCTCGGAGCAAGCTCTGCAGGATCC  
CTATTTTTCAGGAGGACCCTTTGCCAACATTAGATGTATTTGCCGGCTGCCAGATTCCATA  
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>SEQUENCE:4734:prostate\_MPM2000-004P1Novel007-2-Table1

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TTGAGTGAAGTAGCCCTAAGAGGATTCTTTAGAGAATCCGTATTGAATTTGTGTGGTATG  
TCACTCAGAAAGAATCGTAATGGGTATATTGATAAATTTTAAAATTGGTATATTTGAAAT  
AAAGTTGAATATTATATATATAAAAAAAAAAAAAAAAAAGGTACCTCGGCCGCTCTAGAA  
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>SEQUENCE:4735:prostate\_MPM2000-004P1Novel007-2-Table1

TATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTA  
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TAATCCCAGCACTTTGGGAGGCTGGGGCAGGAGGATCGCTTGAGGCCAGGAGTTCAAGAT  
CAGCCTGGGCAACATAGCAAGACCCTTTCTCTGCAAAAAAATTTAAAAATTAGCCAGGCA  
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>SEQUENCE:4736:prostate\_MPM2000-004P1Novel007-2-Table1

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&gt;SEQUENCE:4737:prostate\_MPM2000-004P1Novel007-2-Table1

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CCTGGTTGTGACATTGAGCATTCTCTACTGCAGGGCTTCTCAACCTTGGCACTATTGGCA  
TTTGGGTCTGGGTAATGCTTTGCTGTGGCAACTGTCCTGTGCATTGTAAGATGTTAAGCA  
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&gt;SEQUENCE:4738:prostate\_MPM2000-004P1Novel007-2-Table1

CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTTTT  
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CCTCTAAAATACTTTTTCTTAGTAAGAACATAACCAGTTACACTGAAGGCTTTGAAAGTC  
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&gt;SEQUENCE:4739:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCCCGCGGTGGCGGCCGCCCGGGCAGGTACCCCCA  
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ACCCATCCCAACAATATCAAGAGGGAATGACTAAGTATCAGCTAGAACTTAGCCATGTC  
TCAACATTCTGGATATCTGAAAGCTGTCGATGCCCTTTTACAGGTTTATGGTGACAGAC  
CCGTATCATCTTAAAGTATGTTTCATAGTTAAGGCTTGAAGTAAAGAAAATAAGAGAACCAG  
ACATAATGGAAAGACCTCTTCAATAATGTTGTCATGCCTCTCAGTGAACGTGCTCACAGT  
CACGCTTGGTTTGGCTCCCCAAACCCACAATAGAAAAGGAAAAATGAGTATTTTGT  
CATCTGTTTTGTATTTAAAGGCATTGGGTTACTTCCTCCTGCCCTC

&gt;SEQUENCE:4740:prostate\_MPM2000-004P1Novel007-2-Table1

GGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTTAAACAATTGCTTTGCTGAGAT  
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GCTCACAAAAACATGTGTTGTATGAAATCAAGGTTTAAGGGATCTAGGGCTGTGCAGGAC  
ATTTCTTTGTTAACAAAAAGTTTACAAACAGTATACTTGGTAAAAGTCATCGCCATTCTC  
TAGTGTCAATAAACTAGGGGACAAATGCACTGCGGAAAGCCGCGGGGACCTCTGCCCTTG  
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&gt;SEQUENCE:4741:prostate\_MPM2000-004P1Novel007-2-Table1

GAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACGCLGGGGGGTGCTCTTGTGAGCT  
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&gt;SEQUENCE:4742:prostate\_MPM2000-004P1Novel007-2-Table1

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CATTACTAAAAGCCCATACAAAGCAGTTCCTTTTACCTGGTCCATCATATCTGGTTATCA  
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AGAAGCATTAAAACCAGAATCAGATATGGCAAGGATGCTGGAATTATTAGAAAGAAAAT  
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>SEQUENCE:4744:prostate\_MPM2000-004P1Novel007-2-Table1  
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CCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCG  
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>SEQUENCE:4745:prostate\_MPM2000-004P1Novel007-2-Table1  
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CGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGG  
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>SEQUENCE:4746:prostate\_MPM2000-004P1Novel007-2-Table1  
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TTTGGCTGGACCCAGAGTCCGCGTGGAACCGCTATAGGGATCTGTGAGGGCCCCGCGGCCG  
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TCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCG  
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>SEQUENCE:4747:prostate\_MPM2000-004P1Novel007-2-Table1  
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GAAGATGGTTCTTGAATCTTTCATTAGCCCGATGAAGAGAAGATTCATTGTAGCCAGTG  
TCACATTAGGTGAGAAAAATTGAGAAGGCAACAGATTTGCGCTGCTGCACCAGCGACCCA  
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>SEQUENCE:4748:prostate\_MPM2000-004P1Novel007-2-Table1  
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AAATCACATTATTACAAGTTTTAATAAATACAGTAAGAAGAGCTGGCATTCTTCTAAAAT  
ACTGAATTTGAGATCTGGAGTTTATTCCATAAATAGGTTTCTTTTAAATTGCTTGCTTTC  
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AAAACTGTATTAATATGTGCCTCATTATAGAAGCAGCTGGAAGAACTGGATCACACAGT  
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TACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTCTGCCACA  
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GCCAGGATCTCCTGCTTGGTGCTGTTTTCTCCAGGTTGCGATCCAAATAACCCACCAGC  
TTCTTGACACTTCGCAGAAGCCACCGTCCTTTGGCTGAGTCACCGTGAACGGTCAGTGC  
AGGCAGCCGCGTGCCAGAGCAGAGGTGCAGCATGCTGCACACCAGCTCAGGGCTGACCTC  
CTCCAGCAGGATGGACAGGATGGAGCTGCCGTACGCGGGTATCTGTCTTTCACCTAGTGT  
GCTTTTTGTGTGCACACTATTCACCAAGCTTTGTTCAAATTGCAAGGGATACAGAAAGGA  
CTGAGAAAGTGACTGGTGGATGAGAAAAACAAAATA

>SEQUENCE:4750:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTT  
TTTTTTTTTTTTTTTTTGAAGAAGGGGTGAGGGGGCTCCTTGATATTAGGGAACAGGGA  
CCTGAGCTTTTACAGCCCTTCATATTTATTAGGTAGAGTGAATAGGGAGGAAGGGATAAC  
TGTTGGTCAGCTATTTGATTAAACACAGGCC

>SEQUENCE:4752:prostate\_MPM2000-004P1Novel007-2-Table1

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGGGCAGGTACGCGGGTCTGATC  
G

CTAATGACAGTTGGTTCTGTTATCAGCCACCAATCATGTTAAATACAGTATGTAGAATGG  
TTCAAATCTAGGAAGCATTTCTGTTTGCAAAGAAACCTGTATATTTACAGACTTTAAAGA  
TGGATTTTTTTTTTTTTAGAGAGAGACTTTTATATTTTTTAAAAACAAAGCTTTTGAAAAA  
GTGGGCAGTTTCTTGGGGTGGGGGGAGGGAAAGCACTAGGAGATACACCTAAT

>SEQUENCE:4753:prostate\_MPM2000-004P1Novel007-2-Table1

TACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGGGCAGGTACGC  
ATTTACTTCATAATTTCTTTTTCTGAAGATAACTTGTTGCTTTCAGTTGTGAAATTTAA  
GTCCAATGAGACCAAGTTAGTATAATTCTCCAACATCACATCTCTGTACTGGGTTCATCT  
CACTAGGGAGTGCCAGACAGTGGACGCAGGACAGCGGGTGCCGGGCAACCGTGCGCAAG  
C

TGAAGCAGGGCGAGGCATTGCCTCACTCGGGAAGCGCAAGGGGTGAGGGAGTTCCCTTTC  
CAAGTCAAAGAAAGGGGTGACAGACGGCACCTGGAAAATCAGGTCACTCCCACCCAAATA  
CTGCGCTTTTCCGACGGGCTTAAAAAACGGCACACCAGGAGATTATATCCCGCACATGGC  
TCGGAGGGTCCTACGCCACGGAGTCTCGCTGATTGCTAGCACAGCAGTCTGAGATCAAA  
CTGGAAGGCAGCAGTGAGGCTGGGGGAGGGGGCACCC

>SEQUENCE:4754:prostate\_MPM2000-004P1Novel007-2-Table1

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGTCTCTCGGCCTTA  
G

CGCCATTTTTTTGGAAACCTCTGCGCCATGAGAGCCAAGGTGAGCGGTTCTGGTAGTAA  
GCTTGGGAGGTAGGAGTTGGCGAGTAGTAGCGAGGAGACGAAGGCAAGTCCGCCATACCT  
CCTGAACTACTGGGTTTCAAGGGTGCCCAAAAACCTGTTGGGAGAGAGAAGGTAGTTTGT  
GAGAGAGCTAGCGGTTAAGTGCTATGGGTAGAGAGGGTGGGCTTAGAAAAGGGTGGAATT  
CTGATCTTATGTTGGGAGGGTGTCCAAGTTACTGATGTAGTTGTTACGACCAATCTTTCA  
TACTTCTTGGTTAAGAATCTGTCCGGTTCTAAAGAGTGCAATTCATATCCTTGCTAAGCC  
TACTAATAAGCTTCATCCCTTTTTTTTTTTTTTTAATTATCTGCTGCTTGTGATCGGTT  
G

>SEQUENCE:4755:prostate\_MPM2000-004P1Novel007-2-Table1

TACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGTCCTTTCCTGCGCC  
CGCTCTCCTGCGCCAGCTTGAAGGCATACTCGGCAATGCGCAGGGACTTGGCCTTGGTGA  
TGATCTTCAGGCTCTCCACCACTCCCGCCACACTCTCATGCTCCAGGCTGCTGTACCTCG  
GCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGTTTTCAACCTTATCGATA  
CCGTCAACCTTCAAGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATT  
GCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCTGTGTGAAATTGTTATCCGCTCACA  
ATTCCACACAACATACGAGCCGGGAGCATAAAGTGTAAGCCTGGGGTGCCCTAATGAGTG  
AGCTAACTCACATTAATTGCGTTGCGCTCACTGCCCGCTTTCAGTCGGGAAACCTGTGCG

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TGCCAGCTGCATTAATGAATCGGCCAACGCGCG

&gt;SEQUENCE:4756:prostate\_MPM2000-004P1Novel007-2-Table1

CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGTGCTCCCCTGCTCC  
TCCTTGGTGGCTCTGTTTGGAGACAGGGCAGGTGAATGCTCCCTGGATCTGTTGCTCTTT  
TTCCTTCAGCCTTCGGGCTGACACTGACTCCCCGCGTACCTCGGCCGAGGTACTCAGGAC  
TTTTGCGGTTCTGTAAAATCTGTTTGTGAGTTTCTTTGTTAGCAAAGTATCTAGTGCAGC  
CTCGGTTTAAATACCGAAAATTATCTGGTGAACCTCAAATGAAGTTTTCTCTAATATCTT  
CAGAAGCACCAGCACACAACCTATAAAAGATATGATAATTTCTTTCTCTTTGCCTTGAA  
CACAGATCCTAGATTTCTCTAGGAGATAATGTGAAACAAATCCTCCAACAACCTGAGCTCT  
TTTCATTAAAATGTATTTCTACAAATTTCCCAAATCGACTGCTATTATTGTTGCGAACAG  
TCTTCGCATTTCCAAAGGCTTCTAGGAGTGGGTAGCTTCAAC

&gt;SEQUENCE:4757:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTTT  
TTTTTTTTTTGGAGACAGAGTTTCACTTTTGTTGCCAGGCTGGAATGCAGTGGCAGCAT  
CTCCGCTCACTGCAACCTCCACCTCCCAGGTTCAAGTGATTCTCCTGCCTTAGCCTCCCA  
AGTAGCTGAGACTACAGGCATGTGCCACCATGCCTGGCTAATTTTGATTTTTGGCAGAG  
ACGGGGTTTCGCGATGTTGGCCAGGCTGGCTTCGAACCCCTGACCTCAGGTGATCCACCT  
GCCTCGGTCTCCCAAATGCTGGGATTACAGGCAATAAGCCACCGTGCCTGGCCGGCTCT  
GGCTCTTTTTTTAAACTCACTAGATTTTATGGAAGTTTCCTGACACCGCAGCAGTCTC  
AAGACACCAGTGCCTGAGTCACTCCCTGTTCTGACAGGG

&gt;SEQUENCE:4758:prostate\_MPM2000-004P1Novel007-2-Table1

CGCGGTGGCGGCCGCGCCGGGCAGGTACAACCTGAATAATATGAGTCCTGCCATTTCTTTTA  
TTTACACTCTTGACTCAGCAAGAATTATGACAGAAGTCCGCATGGTTATCTGCAGCTTGT  
TAAGTCTTCTACAATGGCTTGGACTTTATAACCCACTCAGCATTGTTGGGTTAAGCTGATAT  
AAATCCTTCATGTAAGTGTCATCATCAAGGCAGCGTTCCCCAATATTTCTCCCCCGCGT  
ACATTCGTGGTCATAAAATCTGCAATCTGCTGTAATGCCAATAGGCCTGTGGGGTTCTTC  
CCCTTCTTAAATTGCTCCTGTATCATTGATTCCAATTCTTCACAGAAAGCAGGGCTTTGC  
AGAATCATGGACACCCTCTTCTTTTGCTCCATCATGTTGAAGTCCTGGCGAAGGTCTGGT  
GCCATGTTCTCTCCCTCAAGTACT

&gt;SEQUENCE:4759:prostate\_MPM2000-004P1Novel007-2-Table1

GAGCTCCACCGCGGTGGCGGCCGAGGTACAGAAAAACATTCCGCCCACGACGCCACCGAA  
GCTGTGGCCCAGAATGGAGAATCGATTCCATTTCAAGGCTGCCACAACCTCTTCGGATCTC  
ACTCACAAAAGTCTGGAAGTAATATGGGACACCTGGGCTGTAATGGGACGAGAGCCCATG  
ACCTCCGAAATCCATGGCAACGTAATAAAAGTCTTGCGGGAGAAGAGGGATGAGTCTGTC  
GAAGGAGCTGGCATTGTCCAGCCAGCCGTGCAGGCAGAGAACTGGAGGGGCCCTGCAGGG  
A

GCCCCAGGCTTTGGCTGCGATGTGGCCCCAGGGCACAGCCAGCTTCAGCTCTGAGATCAG  
ACCTTCTAGAATGTGCTGGGGCGGGGGCGCTGGTCAGGCCTGGACCCCATCACTTGCTGG  
CTGGGTAACCTTGGAGAAGTTACTAAAACGTCTTGAGC

&gt;SEQUENCE:4760:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACCTCAG  
TCCTATAGCTGCAAGGAATTGAAACCTGCCAACAACCTGAATGAACTTGGCAGAGGACTC  
TGAGCTTGTGATGAGAACACATCCCCAGCTTGAAATCAAATCGACATATTGATTTTAGCA  
CTGTGAGATACTGAGCTGAGAACACAGTTCAGCTGTTCTTGGACTTCAGAACCACAGAAC  
TGAGATGATAAATGAGTGGTGTTCAGTTGCTAAGTTTGTGGTCATTTGCTTACAGTAA  
TTGTAAACTAATGCACAAGTGTAAGTTTGTCTTAAAGAAGAAAAAACGGGGAAGGA  
GGTAAGTGTTAAAGGATCAAACTCTGACAAAAGGCTGGTTGCAGAACATGGAAGGTTGG  
TGCACTGGAAACTATTTGTCATGCAAGTTTATGTTAAAATAAGTAGC

&gt;SEQUENCE:4761:prostate\_MPM2000-004P1Novel007-2-Table1

TACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACACAATGGTTTATTA  
AAGGAATGTATGGCCCACATCAACCTAGCAAGGATTCTACTGGTAAACCTTCCTATGGCC  
AAAGGTAAAACAAGCAGGAGTAGAGTGGCTGGGGTGGGGTGCATGCTATGGAGAGAGGGC  
AGAAAGTTGTATCAACTGCAGGGGTCTTGAAGCTTACTACAGAGTTTCTTACTTCTGTCT  
TCAAATATTTACTTCTTATGGCCAATGACCCAAGTGTTTCATAGGCTGGAAATGCACTCT  
TCTAGACTGCTCGAGACAGTCAGAAACAGGGGAGGAGGGAAGAATGATACTGTGGAAAGG  
GATGGCGGGGCTGACATTTAGAGCTAGAAACCACTACTGGACCGATGC

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&gt;SEQUENCE:4763:prostate\_MPM2000-004P1Novel007-2-Table1

TACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCCGCCCGGGCAGGTACAAGGAC  
C  
GGTGAGCTTTCAAAGGAGACACTTCGGGAGACTCGCCAGGGGGCCCTCGTATCCCCGGCA  
GCGCGAGTTTTGGAGGTCAGTGGAGGGCTCTCGCATCATGCATGTAACCTTTCATACTCAA  
AGACTTACCTTCATCCTGCATCCCTCACCCCCCTGCAGAACTTGGGGCTTGAATTCATT  
TAAAAACATTTGCGGTTTCAGAAGCCTTCTTTTTATTATGAAGCTGCCAAGGAGATCTTA  
GAATGAAAGGCATTTTTAGAGATGAGAAAGAAGGAAGCCAGGCCAAGGCTGGGCCGGCTC  
TCAGCCGTGGGTCTGTAAAGGTGACACGTGGGACATGGCCACCTGCAGACCCTGCAGGGCG  
GCTGGGCAGAGGCACCCACAGGGACCTGGGTTTGAATCCC

&gt;SEQUENCE:4764:prostate\_MPM2000-004P1Novel007-2-Table1

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGATTGT  
AGAGACTATCCGGGTAGTTTGCAAGGGAAGCCAATGATGAGTAATTTGAAAGAAATTCA  
CCTGGTGAGCAATGAGGACCCTACTGTTGCTGCCTTTAAAGCTGCTTCAGAATTCATCCT  
AGGGAAGAGTGAGCTGGGACAAGAAACCACCCCTTCTTTCAATGCAATGGTCGTGAACAA  
CCTGACCCTCCAGATTGTCCAGGGCCACATTGAATGGCAGACGATGTAATTGTTAATTCT  
GTAAACCCACATGATATTACAGTTGGACCTGTGGCAAAGTCAATTCTACAACAAGCAGGA  
GTTGAAATGAAATCGGAATTTCTTGC

&gt;SEQUENCE:4765:prostate\_MPM2000-004P1Novel007-2-Table1

TGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGGCAGGCTCCCAGCCGAGTCCGT  
T  
ATGGCCGCTGCCGTCCCGAAGAGGATGAGGGGGCCAGCACAAGCGAAACTGCTGCCCGG  
G  
TCGGCCATCCAAGCCCTTGTGGGGTTGGCGCGGCCGCTCTAGAACTAGTGGATCCCCCGG  
GCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTAC  
CCAGCTTTTGTTCCTTTAGTGAGGGTTAATTTGCGCGCTTGGCGTAATCATGGGCATAG  
CTGTTTCCTTGGTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAGCCCGGAGC  
ATAAAAGTGTA

&gt;SEQUENCE:4766:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTCCACACGGGGGT  
AGTAGCAGGCAAACCTTCATCCTGTAGCCATCCTCGTCCTGCAGACCCCGCTCCAGGGCGC  
GACGCTGGCGAGGGCACTTCCCCTCAGCACACTGGCAGACTTCAGCAGAACACAAGGGTT  
GGCCAAGAGTACTGCTCCTTACTTGGGGGGCCCCGTAAACACAGAACATCTGCGCTCGGG  
GTTGTAGTAGTCGTACTGCGGCGGGTAGGCCTAGGATTGTGGGGGCAATGAATGAAGCGA  
ACAGATTTTCGTTCAATTTGGTTCTCAGGGTTTGTTATAATTTTTATTTTTATGGGCTT  
TGGTGAGGGAGGT

&gt;SEQUENCE:4767:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTTTTTT  
TTTTTTGGCTTGACTCAGGATTTAAAACTGGAACGGTGAAGGTGACAGCAGTCGGTTGG  
AGCGAGCATCCCCAAAGTTCACAATGTGGCCGAGGACTTTGATTGCACATTGTTGTTTT  
TTTAATAGTCAT

&gt;SEQUENCE:4768:prostate\_MPM2000-004P1Novel007-2-Table1

TACGGCGAATTGGAGTTCCACCGCGGTGGCGGCCCGCCCGGGCAGGTACTGAGAGGGCAA  
A  
CCAAGGACAGAATAGAGATATGTGGCAGTGGCAACCCTTACAAAATCAAACACTGGACAT  
GATACATGCCTGCCCTTCTTGCTTACATGTGAAGTATAACCAAGTGCCAAATGCTTTTAT  
AATTGACTAAAGCAGCCACACCCACCCCTGCTCAGAAACAGAAAGCTACTGCAGGGCCCCT  
ACAAAGTGAGTGAGAGTGTGTGAGCTCCTGCTGAAGAGGTGAGACCCAGATCATAGTTCT  
ACTTGTTTCTCTATGAAGTGGAAATACAGAAAAAGAAGCAAATGTAAGCATAAATTGTCT  
ATGTTTTAAAAACAGTTTCACTCATGACTTAAATTTGGTGTCAAACCTCCTTGCTCTAGTA  
TGTG

&gt;SEQUENCE:4769:prostate\_MPM2000-004P1Novel007-2-Table1

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTGGAAAATA  
ACTTCTTTCTTTTCTCTAGATTTTCGAAGAAGCAAATAAATCAAGAATAGAAACCTATA  
TATAGGAGGTTGGGCCTCCTGCAAAGAATGAAGCACTTTTTGTTAAATACAGGAGAGGCT  
ACTTGGCTGCACTAATATGTGCTTTTTTGGGAATCTTATAGAGTGTCAACCAATTGAACT



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TTGGAATGGCTTGAATCATCCCTGGAGCATCTGTGCCGGGCAGTCATGAGTGAGTGCACC  
GTCTCCCACCCAGCCCCATTGGGCCTCACACCCTCTTCATTCTTTCCCATGAGGCAGG  
CAAACACGGTCATGACCATTTTGGGGTTCACTTCAACCAGGTCTTCTGGCAGGGGCATACA  
CTCTTGCTCCAATTTTTCGGGGCCA

>SEQUENCE:4770:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGTGGCTGCCCAGACGTATTTGGCGTCGCAG  
TAGCCGACAATGGCGGCCTCCTGGCAGCAGCCATCGCACATCAGGTTATCCACGTAGCTC  
TGCCAACCGGCCATCTTCGAGCCCTTCGCACTGCAGCGCGGACGGCGAGGAGCCCCCGC  
G

TACCTTGGCCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCT  
TATCGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAG  
GGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATC  
CGCTCACAATTCCACACAACATACGAGCCGGGAGCATAAAGTGGTAAGCCTGGGGTGCCT  
AATGAGTGAGCTTACTCACATTAATTGCGTTGCG

>SEQUENCE:4771:prostate\_MPM2000-004P1Novel007-2-Table1

GACTACTATAGGGCGAATCGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACCCG  
A

GCCCCGCTTACCCTGCCTTTTCATGTGGGTGAGGATATGTGATCTCCAAGGACATCTTCA  
AGTGGCTGGCAAGCAACTCGGGGAGGTTAAAGACCTATCAGGGTGAAGATGTAAGCGTGG  
GCATCTGGATTGCTGCCAAAAGGACCTAAAAGATACCAGGACAGTCTGTGGCTGTGTGAG  
AAGACCTGTGAGACGGAAATGCTGCCTTCTCCTCAGAATTCTACGCGGGAAGTACAGAA  
CTGTGGTAAGTGAAGGAACAGCGCGGATATCCTTGGCAATGTCTAACCAGATAACA

>SEQUENCE:4772:prostate\_MPM2000-004P1Novel007-2-Table1

GACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACAGCAGCAACAG  
CAAAGGAATCTCTCACTACATGAATACATGAGTATGGAATTATTGCAAGAAGCTGGTGTC  
TCCGTTCCCAAAGGATATGTGGCAAAGTCACCAGATGAAGCTTATGCAATTGCCAAAAA  
TTAGGTTCAAAGATGTCGTGATAAAGGCACAGGTTTTAGCTGGTGGTGGAGGAAAAGGA  
ACATTTGAAAGTGGCCTCAAAGGAGGAGTGAAGATAGTTTTCTCTCCAGAAGAAGCAAAA  
GCTGTTTCTTCACAAATGATTGGGAAAAAATTGTTTACCAAGCAAACGGGAGAAAAGGGC  
AGAATATGCAATCAAGTATTGGTCTGTGAGCGAAAATATCCCAGGAGAGAATACTACTTT  
GCAATAACAATGGAAAGGTCATTTCAAGGTCTGTATTA

>SEQUENCE:4773:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGATGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACTTTTTTTTT  
TTTTTTTTTTTTTTTTCAGGCTTTCCAGCTCCCGCTGTCTCTGTCGTTCTCTTTGGC  
GCTTCACTACTTTCTCATAATCATTAGGAAACATAGGGTCATATTCGTCAGCTAAGGGAA  
TCAGAACTTCCCCTTCCAAAAAACCCACTGGGAACAGGATCCTTCAGCCCAGCTGCTACA  
TGCGGTGGAGTGTCCACAATTTGCCGGTCATCTGAGGAGCCACCTCGCTTCAGGTCAATG  
ACTGGGGCGAGGACTGTACTGCGGCGGGTAGGCCTAGGATTGTGGGGGCAATGAATGAAG  
CGAACAGATTTTCGTTCATTTTGGTTCTCAGGGTTTGCTATAATTTTTTATTTTTATGGG  
CTTTGGTGAGGGAG

>SEQUENCE:4774:prostate\_MPM2000-004P1Novel007-2-Table1

TACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACTTCCAAC  
AGTAAGTGGAAACACAGATATTCAAGTTGAGATAGCACTGGCCATGCAACCATTAAGAAG  
TGAGAATGCTCAGTTACGAAGGCAGTTGAGAATTTTGAACCAGCAACTCAGAGAACAACA  
GAAAACCTCAAAAACCATCTGGTGCTGTGGATTGCAACCTTGAATTGTTTTCTCTTCAGTC  
ATTGAATATGTCACTGCAAAATCAATTGGAGGAGTCACTAAAGAGCCAGGAATTACTGCA  
GAGTAAAAATGAAGAGCTGTTAAAAGTGATTGAAAATCAGAAAGATGAAAACAAAAAATT  
TAATAGTATATTTAAAGACAAAGATCAAACATACTTGAAAATAAACAGCAATATGATAT  
TGAGATAACAAGAATAAAAATTGAATTGGAGGAAGCCCTAGTCAATGTGAAAAGCTC

>SEQUENCE:4775:prostate\_MPM2000-004P1Novel007-2-Table1

AGCTCCACCGCGGTGGCGGCCGAGGTACTTTNTTTTTTTTTTATTTTTTTTCTTTNCTT  
TCTTTTTTTCTTTTGTTCATTTTTTTGTTTTTTTGTTCAAAATTCATCCAATATTTATT  
GAATCGGGAACGGTTGCAAACTGTTGCCACAATCAAAAACCCACCCATCCTGTGCTTTTT  
TGGCTTCCCCTTGAGAAGGATGCCTGAGGCGGGATGTCCCCCAAACTCCAGGGGACAAC  
TGGGGAAAACATGGGGTTTGCAAAGAGATTTGATGAAACCACGGGACAGGAGGAGGGTGG  
GGTGG

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&gt;SEQUENCE:4776:prostate\_MPM2000-004P1Novel007-2-Table1

ATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTA  
CGCGGGGGAGACTTCTCCGCCGCTCCGCCGCAGACGCCGCCGCGATGCGCTACGTCGC  
C  
TCCTACCTGCTGGCTGCCCTAAGGGGCAACTTCTTCCCCAACGCCCAAGACCTTAAAAAA  
AACTTGGACCAGCGTGGTTTTCAAGGCGAACAACAACCGGTAAACCAGGGTTATCAGTGA  
CCTGAATGGAAAAAACATTGAAGACGTCATTGCCCAGGGTATTGGCAAGCTTGCCAGTGT  
ACAGGTGAAATGATATGTTACTGGTATTCGCTTCAAATCATCTGAGTGTGGGGTAATTG  
AGTACCTCGGC

&gt;SEQUENCE:4777:prostate\_MPM2000-004P1Novel007-2-Table1

GGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAATATGATGGAGTCTTTCTCTG  
TCGCCCAGGCTGGAGTGCAGTGGCACGATCTCGGCTCACTTAGAAACAGGGTTTCGCCGT  
TTTGGCCAGGATGGTCTCAATCTCCTGACTTCATGATCCACCCTCCTAGGCCTCCAAAGT  
GCTGGGATTACGGGCATGAGCCACCGCGCCCGGCCAGAATAGTCCTAATTTTTAACTCTT  
CAGAGAGTGAAGGAATAACTCCAAATAGACTCCCAGAAGTTATGTTTCAAGATAAGTAAACC  
ATCATGCTTACATTCAGAAAGTTCTGCTTCTCAGGTAACCTAAATGGAAATGGAAATGAT  
GAGTGTGGGAAGAGGTATTAAGTAGCTCAAAGAATGCCCTTGCAATAAACTGGGGTCT  
TTAACCTATGTGAAGAATTTGAATAAAATGTTGAAATGTGAAAGTGAAAAATGAGATATT  
TAAATAAAATACCAATTTTAAATATATGTAGCCAAATGTATAAGTTAAAGATTACCCATAA  
ATATTTGTCAATTTTATTCAAACCTTTAAATTCT

&gt;SEQUENCE:4778:prostate\_MPM2000-004P1Novel007-2-Table1

ACTATATGGCGAATTGCAGCTCCACCGCGGTGGCGGCCGCCCGGCAGGTACACGATCCCA  
GACTGGTTCTTGAACAGACAGAATGATGTAAAGGATGGACAATACAGCCAGGTCCTAGCC  
AATGGTCTGGACAACAAGCTCCGCGAAGACCTGAAGCGACTGAAGAAGATTGGGCCATAG  
AGGCTGGTCACTTCTGGGGCCTTCGTGTCCGAGGCCAGCACACCAAGACCACTGGCCGAC  
GTGGCCGCACCGTGGGTGTG

&gt;SEQUENCE:4779:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACT  
GTGGCATGGCGCAGTGGGTGACAGATGGCCACATAGCGGTCAAAGCCATGGCCAGCAGC  
ACTGTGGATTCCATGCCAGATAACGAGTGGATGGCAAACATCTGTAGCAGACAAGCATCA  
AACTGATGGAGTGAATTGAACCAGAAGATGGCCAGCATTGTTGGGCATGGATGACGTGGA  
GATGAGGATGTCAATGCCTGAAAGCATGCAAAGAAATATATACATGGGCTCATGCAGGCT  
GTGCTCAGTCCGCACAATGTAGATGATTGTCAAGTTACCTAGCACAGCAATAAGGTAGAG  
GGAGCACAATGGGAAGGCCAACCAGAACTGAGCCTCTTCTAAACCAGGGAGGCCTATTAT  
GATGAAGTATGTAGCACGTGGATTCATTGCCATTGGGATCCACCATCATGAAGAAGCTGA  
ACTGTGACCAGCACCAGGCAGGTAGAGGCTCAACCGTATGGAAGGAATGTGTG

&gt;SEQUENCE:4781:prostate\_MPM2000-004P1Novel007-2-Table1

GCGCGTAATACTACTCACTATAGGGCGAATTGGAGCTTACCGCGGTGGCGGCCCGGGCAA  
AGGAGAAAGAAGATCCAGGCCCTCATGGTGCTGGGAACCCTCAGTGGCAGGCAGGCAGGC  
GGCAGGCAGAGCGCGCTCTCCGGGCAGTCTGAAGGACCGCGGGAATGTCCCCGCGTACC  
T

CGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGA  
TACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAA  
TTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCA  
CAATTCCACACAACATACGAGCCGGGAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAG  
TGAGCTAACTCACATTAATTGCGTTGCGCTCACTGCCCGCTTTCAGTCGGGAACCTGT  
CGTGCCAGCTGCATTAATGAATCGGCCAACGCGCGGGGAGAGG

&gt;SEQUENCE:4782:prostate\_MPM2000-004P1Novel007-2-Table1

CGCGTGCGCCGCCCGGCAGGTACCGGGCTCCTCACAGCTCCACTAGGCACTGCCCCACTG  
GGGACTGTGTGGGGGCTCCGACCCACATTTCCCTTCTGCACCTTCCTAGCAGACGTTCT  
CTATGAGGGCTCCACCTCTGCAGCAAACCTTCTACCTGAACATCAAGGCATACATCAAGGC  
ATTTCCATACATCCTAGGTGGTGGTGAAATCTAAGTGGAGGTAACCAAACAT

&gt;SEQUENCE:4783:prostate\_MPM2000-004P1Novel007-2-Table1

GTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGG  
ACTTGGGACAGTTACAGGCATGCTGCTATTGCCATGATCTTCGGGAAGCTGAAGTGATGA  
GCAGCAGTGTGTGATTCTGAGGACACAGGGGGGCTGGGGTCTAGGAGCTATCTCAGGTGGG

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CTCAGTCAGTGCCATCCTCCCTTTTGGTGCCTCCCTAGAAGTGCTGAGAAGATGCAAAAC  
CAAAAGCTTTTACTCCAACATTGCTTAGCCAAGCTAAGCACATGCATTCCCTATGATTCA  
GCAATTCTGCTCCTAGCATGTATCCCAGAGAATTGTCCCATGGGTCCATAGGGGCGATATA  
AGAATGGCCATTGCAGCAAAGTTCTGGTTGGGGTAGGGGGAGCTGAAAGTCATCTGGTGT  
CCACAACCTGGAGGAATGGATGGATAAAATGGGATGGATGCACAAGTGGGCAGACAGATGG  
GTGAAAGGATGGTCAGTCCTTACATGGACCAGTTTCCTTATTCTTAGGCTAAGGATTAGC  
ATCTCCAGGCAAAAGGAAAACGTTTCTGGATTCCCTT

>SEQUENCE:4784:prostate\_MPM2000-004P1Novel007-2-Table1

GGAGCTCCACCGCGGTGGCGGCCCGCCCGGGCAGGTACTTTTTTTTTTTTTTTTTTTTTT  
TTTGGTTTTTTTTTTTTTTTT  
TTTNNNGGGGGGGGGGGGGG  
GCCTTTTTAAAAACCCCTTTTTTCCAGGGGGGAAAAAAAAAAAAAATTTTGAAATATACC  
CCCGGGGGGGCTCCCTTTTTGGGGGGGGGGGGGGGTCTTCTCTTAAACAAAAAAAAAAGGGG  
GGAAAAAAAAAAAAAGGGGCAAAAAAATTTTTATTTCCCCCCCCCCCCCAGGGGGGGGGT  
CAAAACCCGGGGGGGGGAAAAAATTTTGGGGTGTTTTTTAAAAAAAGGGGAAAAAAAGG  
GGTGGGGGGGAAAAAATTTTAAAAATTTCCGGGGGGGGGAAAAGGGGGAAAAAACCCCCC  
CCCCCACAAAAATAACGCGCCACCCCCCCCCGGGGGGGGCCCCCCCCCGGGTTTTTCAAT  
TTGGGGGAGGCCCCCCCCCCCTCCACAAAAAAAACGGGGGGGGTTTTTTGTAAAAA  
AAAAAA

>SEQUENCE:4785:prostate\_MPM2000-004P1Novel007-2-Table1

GTACATTTTGTAAACTTCAAAGATACTTACCTAGTAATATAGTATAGAATTTATATTC  
TGAAAGCTGTGTCCACTAAAGATTAACAGTGGTTATCTCTGGGTGATTTTTCTGTTCT  
TTTTGTTCATCTGTCCATTTTCTTAAACAGATTTCTTTAGTCATAAAAATAATAAA  
ATATAAAGTATTGGAAAACAGTGAATATTTGAATTTCAATTCATTTGAATAAGCATTCAA  
TGAAGTGGCCAGTGAAGTTATAAAGACAGTGGATATACTTAAATTTCTTGTGTGAGGAC  
ATAAATGATAGGTAAAAGTTGCATTACCTCTGGGACTGGAAGCTGGAGGAGTCAACTCG  
ATGGTTATTACAGAGCCATTGCTGTAAGGGACAGCCTTGACATCTGTGAAATGGGGATAA  
AATTAGCCTAGACATGTGGAGAAGATCAAATGAGGTATTGAGTGTGTGAGCTGTGTTAGG  
CTGGCTCCTACTCTCTCCCCTTGCACTAGCAGAACCAGTGCCAGTCAGATACTTGGGAA  
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>SEQUENCE:4786:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCCGCCCGGGCAGGTACGCGGG  
G  
AGCTGCCGCTGAGCCGCCGGACGGACGCTCGTCTTCGCCCGCCATGGCCGAGAGCGACT  
G  
GGACACGGTGACGGTGCTGCGCAAGAAGGGCCCTACGGCCGCTCTAGAACTAGTGGATCC  
CCCGGCTGCAGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGG  
TACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCAT  
AGCTGTTTCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAGCCGGGA  
GCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTAACTCACATTAATTGCGTTGC  
GCTCACTGCCCGCTTTCCAGTCGGGAAACCTGTCGTGCCAGCTGCATTAATGAATCGGCC  
AACGCGCGGGGAGAGGCGGTTTGCGTATTGGGCGCTCTTCCGCTTNCTCGCTCACTGACT  
CGCTGCGCTCGGTCGTTCCGGCTGCGGCGAGCGGTATCAGCTCACTCAAAGGCGGTAATAC  
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>SEQUENCE:4787:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCCGCCCGGCAGGTACAATTCAT  
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CATATGGGGTCCCTTTTCAATCTTTGCAAAAACACTGGGCTTTCTGAGAACACGGACGGT  
TCTTAGCACATTTGTGAAATCTGTGTAGAACCGGGCTTTGCAGGGGAGATAATTTTCTC  
CTCTGGAGGAAAGGTGGTGATTGACAGGCAGGGAGACGGTGACAAGGCTAGAGAAAGCCA  
CGCTCGGCCTTCTCTGAACCAGGATGGAACGGCAGACCCCTGAAACGAAGCTTGTCCCT  
TCCAATCAGCCACTTCTGAGAACCCCCATCTAACTTCTACTGGAAAAGAGGGCCTCCTC  
AGGAGCAGTCCAAGAGTTTTCAAAGATAACGTGACAACCTACCATCTAGAGGAAAGGGTGC  
ACCCTCAGCAGAGAAGCCGAGAGCTTAACTCTGGTCGTTTCCAGAGACAACCTGCTGGCT  
GTCTTGGGATGCGCCCAGCCTTTGAGAGGCCACTACCCCATGAACTTCTGCCATCCACTG  
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>SEQUENCE:4788:prostate\_MPM2000-004P1Novel007-2-Table1

TACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCATCGCCGTCGCTT  
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AAGCTCGCGAAGGCAGGTAAAAATCAAGGTGACCCCAAGAAAATGGCTCCTCCTCCAAAG  
GAGGTAGAAGAAGATAGTGAAGATGAGGAAATGTCAGAAGATGAAGAAGATGATTGCAGT

>SEQUENCE:4789:prostate\_MPM2000-004P1Novel007-2-Table1

GGCCGAGGTACCATATCCTAAGGCTGCACAGAGCATGAGGCCAGCCTTGTAACGATTT  
TTCCCTCCTAGACCTCTGGGCCTGTGATGGGAGGGGTTGCCATGAAGGTCTCTGACATGC  
CCTGGAGACATTTTCCCCATTTTCTTGGTGATTACTTACTCAAATTTCTCCAGTGGGTTT  
GAATTTCTCCCCAGAAAATGGATTTTCTTTTCTATCGCATTGTCAGGTTGCAAATCTTC  
CAAATTTAATGTTCTGCTTTCTCTGAATGCTCTGCCACTTAGAAAATTTCTTCCACTAG  
ATATCCTAATCATTTCTCTCAAGTTCAAAGTTCCACAGATCTCTAGGACAAGGCAAATGC  
TGCCAGTCTCTTTGCTAAAGCATAGAAAGAGTCACCTATGCT

>SEQUENCE:4790:prostate\_MPM2000-004P1Novel007-2-Table1

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTTTTTTTTTT  
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TCCTCCCACCTCGGCCTCCCAAAGTGCTGGGATTACAGGCATGAGCCACCACGCCCGGCC  
ACAGTATTTTTTAAATGCCAGTTAGGTTTTATAAAAAGGTAGATTTTTTATAACTCCCAA  
CACAAGAAATGACAGGGTTGATGCTTGCATGACTTTTGGCAAATAAATTCAGGAAAG  
NNCCCTAGGTTTTACAAAGATGCTTTTGAGGTGACCATTAGTTCACAAAGAGATNTGTTT  
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>SEQUENCE:4791:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGACGCAAGCCGTCACA  
CCTGGTTAGCTTCATTTTTTTGCAGAGACGAGTTCTATGTTGCCAGGCAAATCTGTAA  
CTCCTGAGCTGAAGAAAGCCTCATGCATCGACCTCCCAAAGTGTTAGGATTACAGGATCT  
TGCCAACACAGGAGTATCTCCTGATCAATTTTTTTTGAGACGAAGCCTCGCCTTTGTCG  
CCCAGGTTAGAATGCAAAAGCGCCATGTCTTTTCACTGCAACCTTTGCTTGCTGGGTTTA  
AGTGATTCTCCTGCGGCAGCCTCCCGAGTCTCTGGGATGACACGCGACTGCCCCACGCCC  
GGCTAATATTTGTATTTTTAGTAGAAACGAGATTTAACCACGTTAGCCAAACTGGTCTCG  
ATCCGCACGCCTCGGCCTCCCAAAGTGCTGGGATTACAAAATCGGAAAAATTATTCCCTA  
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>SEQUENCE:4792:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTAC  
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CCCCTGTCCCACCCCTACCTCTAGTAAATTTAAGTCCACCTCACGTTCTGGCATCACTTG  
GCCTTTCTGGATGCTGGACACCTGAAGCTTGGAACCTCACCTGGCCGAAGCTCGAGCCTNC  
TGAGTCCTACTGACCTGTGCTTTCTGGTGTGGAGTCCAGGGCTGCTAGGAAAAGGAATGG  
GCAGACACAGGTGTATGCCAATGTTTCTGAAATGGGTATAA~TTCGTCCTCTCCTTCGGA  
ACACTGGCTGTCTCTGAAGACTTCTCGCTCAGTTTCAGTGAGGACACACACAAAGACGTG  
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>SEQUENCE:4793:prostate\_MPM2000-004P1Novel007-2-Table1

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGCACCAGGTACTTTTTTTTTTTTTT  
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CTTTTTAAATCAGCCAAAGTCAAGCCCGTTTGCCAACCTGCATGTCCATGCCTGTAAGCC  
CTTCTCTTGGCCAAGGAAGAAAGGAAGAAATGAAAAAAGAAACCCAGGGGTCTGTATCCC  
CTGATTAAACACAGCACAGCTCTCCAGGCAGACATGCCCGGTGGCGGCTCCTTTGCACCA  
TTGACCTCAGGCCAGACACCTAAGCGCCAACAATGGGACCTCGGCCTTCGGGCTAGGTTT  
GCCCCAGGCTGGGCAGGAAACCATCTCGGCCGCTCTAAACTAGTGGATCCCCCGGGCTG  
CAGGAATTCTATATTAAGCTTATCGATACCGTCGACCTCCAGGGG

>SEQUENCE:4794:prostate\_MPM2000-004P1Novel007-2-Table1

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACGCGGGAAGGAAG  
T  
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TGGGGAGCAGGAGGCTGACAATGAGGTAGACGAAGAAGAGGAAGAAGGTGGGGAGGAAG  
A  
GGAGGAGGAAGAAGAAGGTGATGGTGAGGAAGAGGATGGAGATGAAGATGACGAAGCTGA

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GTCAGCTACGGGCAAGCGGGCAGCTGAAGATGATGAGGATGA.CGATGTCCATTCCAAGAA  
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>SEQUENCE:4795:prostate\_MPM2000-004P1Novel007-2-Table1

ATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCCGGGGCAGGTA  
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TTTTTCCCAGATCTCTCTACCTTAAAGCATGGAGCCAAGTAGCTTGTATTAGTCCTAGGA  
TTCCTTTTCTCCTGCAAACTGGTGGTAGAAACAGTGGCATGCGGGGGGATGGTACATCAC  
AAAATACATTTTGATATCCCAAAGAAGCAAGACTTGCAAGTAGGCGTTTTAAACATAACT  
AATCTACAGCTACAAAGTTCTACTCTTGATAGCATTTACCTTTTTGGGGAGTCTCCCAGG  
CTCCAAAGGATAAAAGCAGAGTAGAATCAGTATAACATATACACAGAAGTCCGTATTGTA  
AAGGCTATAAAGATTTGCAGCACAGTGAGAA

>SEQUENCE:4796:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCCGGGGCAGGTACT  
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GTGAACCATGATTCAAACCTTAGGTTTGTCTGTCTTCAGAAGTTAACTTCCTAACCACTGA  
ATCATATTTTCTGTTCCACTAAATACATTTTTCTGGGGCTTAGCAATGCCAGTTTATT  
TACCTAAGATTATCAACAAACGAGTGGTAATACCAGGACTCAAACCTCAAGCCATCAACAC  
TAAGTCAGTGAGATCTTCATCACCTTACACTGCCCCACAATAACCCCAACAGTAACCTTG  
TATACAGTCAGCTGTATTCACAGGCCAGACACAAGAGGAAAAAGGAGAGGGGAAAAGGCTA  
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>SEQUENCE:4797:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACGCGGGGGGAGC  
T  
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C  
TGAGCCCGCGGCGGAGGATGGCGGGGCTTGTTCCAGAAGGCTTGAGGGTCCCCGAGTGC  
A

CCGCCCTCCCACCAATTTCTGGTTTTTCTGTTGGAGCCCAAGGAGCCAGGGCAGAATGA  
GGAACATGATGTTTCTTACCGACAGTTACTCATGACGTCTCCATCCAGGACTGAGGGGGG  
CATCCTTCTCCATCTAGGACTGGGGGCATCCTTCTCCATCCAGTATTGGGGGTCTTCCTC  
CTCCATCCAGGACTTGGGGGTCTCCTCCTCCATCCAGGACCTGAGGGGTGTCCTTTTCT  
GCGCTTCCTTGGATGGCAGTCTTTCC

>SEQUENCE:4798:prostate\_MPM2000-004P1Novel007-2-Table1

CACTATAGGGCGAATTGGATCTCCACCGCGGTGGCGGGCCGAGGTACTTTTTTTTTTTTTT  
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CAAATGTCATCTTAAGAAGCGACCTTGTCAGCTTAGCTAAATAGTAATTCCTTCCAGTCA  
TATTCCTCAATCCTTATCTGCTTCATAGGTTATATTATCAATGACAAAAAGGACTGTAAAC  
TCTGACATGGACAATGGCTACAGAAAACACTAATTTTTGATATTAATTAATTCTTGATG  
GAATTGGTTAAATATACTATAAACTTGGCTTATAATCAGGATAAATCTTAACTTGAGG  
GTCTTTAAAAATACATTTTTGGCACTTACCTTTCATCTTATATTACTAATGATGGGAATC  
TCAAACATATAAAAAAGAATTCAGTTT

>SEQUENCE:4799:prostate\_MPM2000-004P1Novel007-2-Table1

CGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCCGGGGCAGGTACCTA  
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ATCCCGCGCCACTTGCAGCTGGCCATCCGCAACGACGAGGAGCTCAACAAGCTGCTTGGT  
AAAGTTACCATCGCTCAGGGCGGTGTTCTGCCTAACATCCAGGCCGTACTGGAATGCCAT  
CAGCCAGCAGGCCCCTGCCATCATCTATGACTTCTATCTGTGGCTCACTGGAAGGAAACC  
CAGGCAAGGCCAAGATGGCTCAAAGAGCAACCAGCCACCTCTGCAGCCTGCCACCTCCTG  
CTGGCAAGATTTGTTTTTGCATCCTGTGAAGAGCCAAGGAGGCACCAGGGCATAAGTCTA  
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>SEQUENCE:4800:prostate\_MPM2000-004P1Novel007-2-Table1

ATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCCGGGGCAGGTA  
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AACCAACTGAGCTATTTTCTGAATTAAATTTGAATAACGAAATAAATTTGAATAATCAAG  
AAAAAATACACAGCTTGACAGAATGCCTTTTT

>SEQUENCE:4801:prostate\_MPM2000-004P1Novel007-2-Table1

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TACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACAC  
AATGGTTTATTAAAGGAATGTATGGCCACATCAACCTAGCAAGGATTCTACTGGTAAAC  
CTTCCTATGGCCAAAGGAAAAACAAGCAGGAGTTGAGTGGCTGGGGTGGGGTGCAGGCAA  
TGGAGAGAGGGCAGAAGGGTGTAGAAGCTGAAGGGGTCTAGAAGCTTACTCCTGAGTTTC  
TTCCTTCTGTCTTCAAATCTTTTACTTCTTATGGCCAAAGAACCCGCTGTTTCATAGGCT  
GGAGATGCCCTCTTCTAGACTGCTCGAGACAGCCAGAGACAGGGGAGGAGGGAAGAAGGA  
TACTGGGGAAAGGGATGGCGGGGGCAAACATTTAAAGCTAGAAGCCACTTCTGGGCCAATG  
CTAAAGTTTCTGTCCCTAAGCCTAAAAAAGCCAGTGT

>SEQUENCE:4802:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTGCTT  
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ACTTTTCTCTCATGTTTTCTGGTTCAATTTCTGCTTCATTAGTATCTAAGCTACTGAGGT  
TATCACCACCCATGCTTTGAGACATCATGGGAAACCACAAAAATGACCCATTATCTTGAA  
GTGGGTGTGGCTCTGGAGATTCACATTCCATTCTATCTTCCATAGACTGAAGCTGGGTGC  
CTAAAGACTCCTTTGCAGAATCCAGAGGGATCATTTCTTCCATAGAACTTCCTGCCCAT  
ATGTGCCCTGTGAGACCTGCTGTCTAGGTTTCATCAAGCTCCCTCTCCAAATCTTCCAGCA  
AAGTCACCACCTCTTCTCCACTCTCAGG

>SEQUENCE:4803:prostate\_MPM2000-004P1Novel007-2-Table1

ATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGAGGCC  
GGTGGGCTCCCTGACATCCCTTCCAGGCAACCTGAAAGTACTGAAATAGCTTATGGCCCT  
GTGCCAGGGACCTTGGCCCAAGCTGCTGACCTCCAGGGTGGGGAGGGAGCTACCCCCAG  
G

AGAAGAGTCACTCAGACAGCAGTATGAGCAAGCCAGCCAGCAGCTCCGTGCCTGCACCCA  
GCTCAGGGGAATCCCAGGGGGTTTCCAGATGCCCAGGAAGGAAAAGGGGACAGCGCTACTGC  
TATGGAATGAGACCACCACTTCTCCTGTTGTCTTCCCAGCTTCTCCCCAACCTCCCCTT  
TTCCCTAGTTTATAAGACAGGAGAAAAGGGAGAAAGCAAAAAGCTGGAAAGAAACAGAAG  
TAAGATAAATAGCTAGACGACCTTGGCGCC

>SEQUENCE:4804:prostate\_MPM2000-004P1Novel007-2-Table1

TACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTCTTTGCC  
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AAGTGCCACAAAGTTAATGTCTTGGAAGCATCTGTATTCCAATGTTAAGCAAGGATTTGG  
TGGATGAAAAGCACAGTTTCCTTTCCCCTTGATGGGAATAACTCTTAGTTATATCTGACA  
CTGTCTTCCAGACTTTCCCAGCAAACTGAGCTCCAGTTGCCCAGATGGGTAACCAGCTT  
GAAAATTCATACTTTATTCCTTCCCTGCTCTGTCTACTTTACTACTCCATTCCCAGTATC  
TAATAATTTGATGATTTTTAACTTCCAGTATAAACTCTTTTACAAGAAGCCTTGCCTCAG  
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>SEQUENCE:4805:prostate\_MPM2000-004P1Novel007-2-Table1

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CAATGGCAATGAATATTACCACATAGCTGTATACTGTAACCTCAGGGATTCTGTCAGATGA  
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AGTACCTGGCCCGGGCGGCGCTTCTTAACTAAGTGGATCCCCCGGGC

>SEQUENCE:4806:prostate\_MPM2000-004P1Novel007-2-Table1

TGGAGCTCCACCGCGGTGGCGGCCGCGCTGGGCAGACTTAGATGCTGTCCATAGCTTTGA  
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TCTGTGTCTCATCCTGTTTCTCTCTTACCAATGGCTTTTTCTCTGGTGCCTTCATCT  
TCCATGACACCCCCGCGTACCCTGGGCGCTCTAGAACTAGTGGACTCCCCCGGGCTCGC  
AAGACATTGATATTCAAGCTTATCTGATA

>SEQUENCE:4807:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACC  
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TTTTATACTAGAGTTCTTGGAATGACGCTAATCCAAAAATGTGATTTTCCATTATGAAA  
GTTTCACTCTACTTTTTGGCTTATGAGGATAAAAATGACATCCCTAAAGAAAAAGATGAA  
AAAATAGCCTGGGCGCTCTCCAGAAAAGCTACACTTGAGCTGACACACAATTGGGGCACT  
GAAGATGATGAGACCCAGAGTTACCACAATGGCAATTCAAACCCTTGAGGTTTCGGGCAT



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ATTGGAAATGCTGTTCTGATGTATACAGGGCTT

&gt;SEQUENCE:4808:prostate\_MPM2000-004P1Novel007-2-Table1

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CGATCTCAGCTCACTGCAACCTCCACCTCCTGGGTTTAAGCGATTCTTCTGCTTTAGCCT  
CCCTAGAACTGGGATTACAGGCACACGCCACCTTGCTCGGCTGATTTTTGTATTTTAG  
TAAAGAACAGGGTTTTGGTTGTTGCCCATGCTGGTCTTGAACACCTG

&gt;SEQUENCE:4809:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACG  
CGGGGTCCAGAGTGCTTGCTACCGTGTTGCGAGTCTCGCTGCCTCCCTCCCGCGGGGGTT  
TCTCCTCTTTTTGAAAATTCCGTCTGTGGGATTTTAGACATTTTTCGACATCAGGGTAT  
TTGTTCCACCTTGGCCAGGC

&gt;SEQUENCE:4810:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTT  
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TTTTTAAAAACAAGCAAATTTTATTAAGGAAAATTTTGCAGGTTTAAGGTTTGCAGGG  
GAAATTTTGTAGGTGAAAAGGTTTACTTT

&gt;SEQUENCE:4811:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCCGCGGTGGCGGCCGAGGTACTCAAAGACGAATC  
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AAAGGCTGGTTGTGGCAAAGTTTCATTTCAAACGTATGATGTGGGCTGGGCAAGGTGGC  
TCACGCCTGTAATCCCAGCACTTTGTGAAGCCCGAGGTGGGCTGATCACCTGAGGTCAG  
GAGAGACCGGCCTAGCCAACATGCTGAAACCCCGTCTCTACTAATAATAAAAAATTAGC  
CAAGTGTGGTGGCGCGCACCTGTAATCTCAGCTACTCGGGAGGCTGAGGCAGGAGAATCG  
CTTGAACCCGGGGGGCAGAGGTTGCAGATCACGCCACTGCACTCCAGCCTGGGTGACAGA  
GCCAGACTCAAAAACAAAACAAAATAAAACAAACAAAAA

&gt;SEQUENCE:4812:prostate\_MPM2000-004P1Novel007-2-Table1

CGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAAGGGAAAAA  
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ACAACCAGATAACAGTCATTTTACACCCAGGTGCACATGAGCACAGCACACAAACACACA  
CACACACACTCACACACACACACACACAAGTTGGGTTGAGCTCTTCTTCCAGGGAGGG  
TCCTGGGTCCAGTCACAGTATGAGGGTCTCTCTCTTCTGAATATCATCCCAGTAGTGGC  
AGCAGAGAGTACACTTCAGTGATCTAAACACCACAATATCCAACATACACAAACTCTCA  
GGGAAGGGTTTAGTAAACACACACAATGATTGGAATCATGGTTGCTCTTTGCTCCTGAAT  
GGAATGGTTCCACAGAAAAAAGCACAGGGATACAAGCACAAACATAAGG

&gt;SEQUENCE:4813:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGTGATGGGGCAGACATGGTG  
G  
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CCGTCGTGGTGGCGCTCTTGAAGGGGATTATCATTGTTCCACTGGGACTTGAGCTTCT  
CCTTCTCAAAGCGCCTGTACCTTGGCCGTTCTAGAACTAGTGGATCCCCGGGGCTGCAGG  
AATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAGCTTT  
TGTTCCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCT  
GTGTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAGCCGGGAGCATAAAGTGT  
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&gt;SEQUENCE:4814:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACGCGG  
G  
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CCTGGCCTTGGCCCTGCCCTGTCCCTGCCATGCAACTTCACAACTCAGCTGGCCTAGACC  
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&gt;SEQUENCE:4815:prostate\_MPM2000-004P1Novel007-2-Table1

TACACTACTATAGGGCGAATTGGAGCTCCCGCGGTGGCGGCCGAGGTACATTGTGCAAT  
GACAGTCACAATCAATTCCTCAGCGCACCCATCGCCACGGATACGATACATTAGATATTC  
TGAACCTTGCTCATCTTAGGACTTCACATTGGTGTCAAGTGTCTGACAAATCACGTGTA  
TCAGGAATGAATGAGGGAGGT

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&gt;SEQUENCE:4816:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTT  
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TCGGCACAAATGCTTTTGTGATAATGGAGATGTGACCCCAAATTTTCCAGGACATTGAGT  
TTTTGGGGGCGAGCACTTAGGGCAGATGACTGGCCGCTTATAGATGAGGCCAAAGCACCAG  
GTAGGGGGAAGGTTCTTGTATCGGTTTGAACCCCGACAGCGCGCCAACAGACAACACGAG  
GCAGTGGGGAGCAACATGCTGTTTTAATGAGCGCCTGGGTGCAGGCGTGCTGAGGCTGAA  
AATGGCATCAGCCCCCGCGTACCTGCCCCGGGCGGCCGT

&gt;SEQUENCE:4817:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTCGGCCTCCCAAGTGC  
TGGGATTACGGGCACAAGCCACTGCACCCAGCCACAAACAGATCGCAGATCCAGGTTTCT  
CAAACCTGGAGCATCTGCTTAATTTTCCCATAAATCAGTCTTATTCTTTCTGACAGCTCT  
GAGACTCCTCCGGCCACGACTAGGTGCTGTCCTGGAGGAAACGGTGGAGGACGGCCGCA  
C

AAAAACCAATCTACCTGATGAAACTCCGTTCCCTTCTCGCCAGAAACATAAAATGCGAT  
GGAGCTACGACCACCGCTGCCGAGACAAAATGGCGCCGACCCCCGCGTACCTCGGCCGCT  
CTAGAAGTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCG  
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&gt;SEQUENCE:4818:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGAAGCCATCGAC  
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CCACGACTTCAAATGGCCTCTCCAGAGGAGAAGTGTCAACAAGTCTTGGAACCCCTTAT  
GATGAAATGTTTGCAGCTCATTT

&gt;SEQUENCE:4819:prostate\_MPM2000-004P1Novel007-2-Table1

TATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGT  
GAGAGGGTCTGCGTTTCTTCTAGAGCTCCTACCTCAGTGGTGTGCACAGAGTTGGAGACA  
CCTGAGGGGCTGGTCCACGTCTCACCTTTGCCATACGGGTGCTTTCTTGATCAAATATATG  
ACTGGGGTCTGTTTACTCCCGCCACCGTTTCTTTTAAAGTTTTCTTAACATGAAATC  
CACAAAAGCGGAAACAATGAACCAATTCTTGCACCTTACAGAATCATTGTCCTTAGCTTTA  
GAGGTTGTTAATTTCTTGTTTTTAAACATGAACAGAATGTGTGGTTCTGAAGGTGTGTGGG  
GGTTTTCAAGAAATTGTCCTTTGGGGCCGGGCG

&gt;SEQUENCE:4820:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATATTGCAGCTCCACCGCGGTGGCGGCCGAGGTACCTGCCCACAGCCTT  
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TTGTTGAAAATTTGTCTGCATGTTAATGCCTCACCCCAAACCTTTTCTCTCTCACTCT  
CTGCTCACTCAGATTGACTTTCAATAGTTTTTCTAAGACCTTTGAACTGAATGTTCTCTT  
CAGCCAAAACCTTGGCGACTTCCACAGAAAAGTCTGACCACTGAGAAGAAGGAGAGCAGAG  
ATTTAACCTTTGTAAGGCCCATTTGGATCCAGGTCTGCTTTCTCATGTGTGAGTCAGG  
GAGGAGCTGGAGCCAGAGGAGAAGAAAATGATAGCTTGGCTGTTCTCCTGCTTAGGACAC  
TGACTGAATAGTTAAACTCTCACTGCCACTACCTTTTCCCCACCTTTAAAAGACCTGAAT  
GAAGTTTTCTGCCAAACTCCGTGAAGCCACAAGCACCTTATGTCCTCCCTTCAGTGTTTT  
GTGGGCCTGAATTTATCACACTGCATTTAGCCATGGTCATCAAGCCTGTTTGCTTCTT  
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&gt;SEQUENCE:4821:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACCCAGC  
A

CATCTCAGAGAGATGGAGGCAAGCTGGGTTCCTGATGATTTCCAGCTAATACAGGTCCTT  
CCTCCTGCATGCAGGCGCCCCGTAAACGCTTTATAACAGACGCCTCTAGACTTCTGTGGGG  
GTAAAGTGAAGGACCCAAAGCGACACAAGTAGTGTCTGTTTACACTTCCACTTTCAAAGC  
TAACTACTAGCTGTTCAAATATACTCCATACAGCTTTTCAAGCAATCAAAGTGTTTACCTC  
TCCCACACCAAGGGAAGAAAAGATGCAGACTGCCTTTAAAGCACCTGTCAGCAAGGCGAG  
GGTTTTAAAGATCAGCCTTGAGAATCAAAGCAGCAGCAGAAGTGTCACTTCCAGTGCT  
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&gt;SEQUENCE:4822:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATGCTGCTTGAATTTTC

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ATCATCATCCTCCACTCCTTCCACCTCCAAGAAAAAAAAAAGCGTGACAGGAAGTAGCATT  
CAGATCCTTCTCCACCACCTCTGCTTCCCTTCTCCCTTCTTTTCCTCCTTGCAGCATTCC  
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G  
CGGAGCTTGAGGAAATCGCAGATAAGTTTTTTTCTCTTTGAAAGATAGAGATTAATAACA  
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TAATTTTAATAGCTTAAGATTTTAAGAGAAATTATGAAGACTTAG  
>SEQUENCE:4823:prostate\_MPM2000-004P1Novel007-2-Table1  
ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGCCTCCGCTCAGGCTGG  
CAGCCCCAGCTCTGCACGGGGAAGGCAATGTTCTGTCCTTCAGCAGAAGTCATACAAAAT  
AAGGATCCAAAGTGAAGTCAAGAAAAAAAAAAAAACAAAACAAAATAAACCCCAACCCCTAC  
AGTGGCCCCATTCTGCAGATACGGATTGCGGAAAGGAAAAATCAGAGGGAAGAGGCTAAAA  
TCCCTCAGTCTACCCCGCGTACGCGGGACCCACTCCCTCTTAGCCAATATTGTGCCTATT  
GCCATACTAGTCTTTGCCGCCTGCGAAGCAGCGGTGGGCCTAGCCCTACTAGTCTCAATC  
TCCAACACATATGGCCTAGACTACGTACCTGCCCGGGCGGCGCTCTAGAACTAGTGGAT  
CCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGG  
>SEQUENCE:4824:prostate\_MPM2000-004P1Novel007-2-Table1  
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ACCTCAGCAAATTATCCTATTGGTTTGGGCAATTAAACAGCCCAGGTTGGTATCAAGCA  
ATGAGATTTATCAAAGGTCAGGACCACCTTTGTAATGTCCTTCTCTTTTTATCTTTATT  
CGCATAGTCTGTTTTGTCAGAAAGTAGGAGTGCAACACCTGCTTTTTTCTGTTTTCCATT  
TGCTTGAAATATTTTTCTCCATTCTTTATTTTGAAGCCTATGTATGCCACCGCATGTGAG  
ATGGGTTTCTTGAAGACAGCATACTCCAGTGGGTCTTGGTTCTTTATCCAGCTTGCCCCA  
TGTCTTTCAATGGGAGCATTTAGCCCATTTTCCCCGCGTACCTGCCCGGGCG  
>SEQUENCE:4825:prostate\_MPM2000-004P1Novel007-2-Table1  
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GCATAGCTGGAAGCGGGGATGGCACGGGAAGATAATCTTCCTGCTGGGTGGCAAACCTCT  
CCGACCACCCTCGGCTGAACTCCTCTCGGCGTTCAAATGTTCTCTCTCTTTCTCTG  
CTGTATCGTTTCACCATTCATCTGCTTGTCTGGGATGGAGAAGACAACCTGTTTGCTCATT  
TGCTTGGCGATAGGTGATTGTCTCGCCGCTCAGCTATAGGCGATGGTCTCACCACTCGGT  
GATAGGCGATTGTCCCATCTAGGTGCGCAAAATGTGTCTGGAATTGGTGGGTTCTTCGTC  
TCACTGACTTCAAGAATGAAGCCGCGGACACTCGCAGTGAGTGTTGCAGTTCTTAAAGGC  
GGCATGTCTAGAGTTTGTTCTTCTGATGTTGCGATGTGTTACAGATTCTTCCTTCTGG  
TGGGGTTCTG  
>SEQUENCE:4827:prostate\_MPM2000-004P1Novel007-2-Table1  
ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACAGTTGGAATCCA  
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CCTTATTAGTCCCTACTCTGTTGCCCCCTGGTTACCTAATGCATGTTCAAAGGTATAGT  
TTTCATCACCTGCTTGATCTTGATTTTCAGACAGCATCAAATCAGTTGCAAAACAAATCC  
AAGCTAAAATTTTGAAGTGTATGATTAATTTACTATAGCATGTAATTATGCAGTATTTTAT  
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GTGAGCTGAGATCACACCACTGCACTCCAGCCTGGGTGACAGAGCGAGACCCTGTTTCAA  
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>SEQUENCE:4828:prostate\_MPM2000-004P1Novel007-2-Table1  
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TGAATTCAGTAATACCACTGGGCCTGGGGCTGGGCCTGACCCTAGGCCATTGTTCTGATC  
TCTGGGCAAACCTCGTTTTTACTGATGGACGTGAAGATGAGATGTTGGGAGCCGCCAGGGT  
AATACCTTGGCGTGTAAGGTATAGGGCAAAGAATGGCCTGTTGTAGAAGGGATGCTGAG  
GGCCCGTCATGCCGCTGTAATAGCTGCTGTGAGGCTGTGGTGACACCACTCCACCTGCGA  
AGGGCCCATGAAGGACGTGGAAGAGCACACGGATGGGGGCTGGCTGTACCTCGGCGCG  
T  
CTAGAAGTGTGGATCCCCCGGGCT



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GGCTGCAGTGGCACACACCTGTAACCCCACTTTGGGAGGCCAAGGCAGGCAGATCAC  
TTGAGTTCAGGAGTTTGAGACCAGCCTGGCCAACATGGTGAAACCCCATCTTTACTAAAA  
AATCAAAAATTAGCTTGGGCGAGGTGGCAGGTGCCTGCAATCCCAGCTACTCGGGAGGCT  
GAGGCAGGAAAAATCACTTGAACCTGGGAGGCGGATGTTGCAATGAGCCAAGATTGCACC  
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>SEQUENCE:4836:prostate\_MPM2000-004P1Novel007-2-Table1

CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGAGTTTT  
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CAACGTTTTTGTAGGCATCACAGTTTTGCAACCTCTGCTCCAAGAGAAAAATAGAATG  
AGTTTTCTTTCTTTTTTTTTTGGAGTCAGAGTCTCGCTCTCTTGTCCAGGCTGGAGTGCA  
ATAGCGCGATCTGGGCTCACTGCAACCTCCGCCTCCCTGGTTCAAGCAATTCTCCTGCCT  
TGCCTCCTGAGTAGCTGGGATTACAGGCGTGTGTACCACGCTCGGCTAATTTTTGTATT  
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>SEQUENCE:4837:prostate\_MPM2000-004P1Novel007-2-Table1

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A  
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CGCCGAGTTTGAGGGGGAGGGTGACTACGAGGAGGGCATGTATGCTGACTGGTGGCAGG  
A  
GCCGGATGCCAAGGGTGACGAGGCCGAGGCTGAGCCAGAGCCTGAACTCGCATGAGAAG  
G

GGACACCCACACCCCTCAAGCTTGGGAAGCCTGGTGCCGATGGCCCCACCCTCACCAGT  
CCTGGGCAGCAGCAAGAACTATTTATTA AAAACTTAAGATGGGCCAGGTGCGGTGGCTCA  
CACCTGTAATCCCAGCATTTTGGGAGGCCAAGGTGGGTGGATCACTTGAGGCCAG

>SEQUENCE:4838:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTTTTTT  
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TAAAGGAAGACAAACAAACATAAAAGATTCCGTTGACAATGCATTTTTATATCTGGTTG  
GCACAATGCCTTTTTGTCATAAT

>SEQUENCE:4839:prostate\_MPM2000-004P1Novel007-2-Table1

GGAGCTCCACCGCGGTGGCGGCCGAGGTACACAATTAATTTATTGTAAATACTAAATGT  
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ATAAAATATGTGCTTCACGGAAAGGGGACTTTGATTAAGGACATGCCTCCTTCAGAGCTT  
TTTCTTTTCCCCCTAGTATTTCCAACCTTGGGGATGTTTGGCATCGACGAATTTACTGCAG  
TGATTAACCCTCCTCAGGCCTGCATTTTGGCGGTTGGGAGGTTCCGACCTGTGCTGAAGC  
TCACTGAGGATGAAGAGGGAAATGCCAACTGCAGCAGCGCCAGCTCATAACAGTCACAA  
TGTCAGTGACAGTCGAGTGGTTGATGACGAACTGGCAACCAGGTTTCTTAAAAGTTTAA  
AAGCAAACCT

>SEQUENCE:4840:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATAGTGT  
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AAAAAAGTGCAAAAAAGATGTGGTTTACAAGTTAAAGCTACAGAATCCCTTTTTTGCTGT  
AATTGCACCAGTTTTAAAGCCTCTGGACAGAGCAGTATTTCTGTTTAAACTTTGTTTTTC  
TTAAAAGCTTACAGTGTTTGGCTAATCTCCTCCCTTTTTACAAGACGGGGGCCGGAGG  
GTGGACACTGGTGGCAGGTTAAGGGATACTGTCACTTTAAGAAGCCTGCAGATTGAAGTG  
TAAACATGGAGAAATTAGGGGCTGATTTTTTAAACTGTGTGAGATATTAACCAGCCGCC  
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>SEQUENCE:4841:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACCTAACA  
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GCAGAACCCAACCTCCGAGCAGTACGGCCATCTTCCAGCTGCTTGCCTGCAAAGATGAGC  
CTCTGCTGGTCGGGGGGAATGCCTTCCTTATCCTGGATCTTGGCCTTCACATTTTCGATG  
GTGTCACTGGGCTCCACTTCCAGGGTGATGGTCTTGGCGGTCAGGGTCTTCACGAAGATC  
TGCATACCACCTCTCAGACGCAGGACCAGGTGCAGGGTCGACTCCTTTGGGATGTTGTAG  
TCAGAAAGAGTACCTCGGCCGCTCTAGAAGTAGTGATCCCCCGGGCTGCAGGAATTCGA

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TATCAAGCTTATCGATACCGTCGACCT

&gt;SEQUENCE:4842:prostate\_MPM2000-004P1Novel007-2-Table1

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AATGAAGTGGAGCAATCACGGCTCACTGCACCTCAGTCTCCTGGGCTCAAGCAATCCTCC  
CGTGTAGCTGGGCCTACAGGCATGCACCACTAATTTGTTTGACTTTTAGTAAAGACAGGG  
TTTCACCACATTGTGCAGGTTGGTCTCAAACTCCTGAGCTCAAGTGACCCACCTGCCTA  
GGCCTCCCAAAGTGCAGAACCAGATTCTTAACTGCCACAGACTCTTGTATTATGTAATTT  
ATATACAGAACACAAAGCACTTGATTTGCTTAACTGATGTACAAGCCAAATTGCGTTCTG  
GTTTGGCCATAAGCTCCTTGGGCCAATGTGTT

&gt;SEQUENCE:4843:prostate\_MPM2000-004P1Novel007-2-Table1

GGAGCTCCACCGCGGTGGCGGCCGAGGTAAGAGTAACAAAAATGATAGAAGCTTTT  
GCCGTTATCTCAAACATGAGCCCCAGCAGGAAGACCATCGCCACACATGAGACGATGTCC  
GCGTGATTCTGCAGGACGAATTCGTGGCTCATCACTGGGGGGCTCTTGGTGCTTTTCTTG  
CGATTCGCCATGGTGGGGCCGCGCCCGCGCCTGCAGGTCCCGCGTGCTCAGATTGCAC  
C  
ATGCTCTTAGACTGTCCTAGGGATTGGGCCAGGACCAGCAGACCTAATTTGACAAAGTCA  
CTGGTCACCTAGAACTTTACTAGGTGGACTTTGATATGACAACAACCCCTCCATCACATG  
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TCTTGAGATGA

&gt;SEQUENCE:4844:prostate\_MPM2000-004P1Novel007-2-Table1

CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACAT  
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AGAGGCGTCAGGGAACACTTCATTTCTACTCTGAGACTGAAAAGACAAGTATGAGTTACA  
GAGATGATGGGGAGGATATAGACACGTGTTTCAGGTATTTGTAAATGCTGAGGAGAAAGA  
GGGTGATTCATTCAACAATTCAGGCTTAAGTATGAGATAAAGACATAGAAAGAAAATTAA  
TGAGTGCTGAGGAAATAGGAAGGGACCAGAAAAGTCATATTCGAATTGCATTTTGAGAGT  
AATGGAAGAAGAGTGGAGGCAGACCATTTAATTTTTTGAACCATTTAAGGAGGGCTATTT  
TTTTAAAAAAT

&gt;SEQUENCE:4845:prostate\_MPM2000-004P1Novel007-2-Table1

CGGTGGCGGCGCGCCCGGCCAGGTAATTCATAATTCAGAAGGGAAAAGTGAAGTCTCAC  
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TTGCATTTTATGAAATGAAAGCTCCTTTGGTTTGTCTA

&gt;SEQUENCE:4846:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTAC  
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ACACGTGCCCAAGCAAATAGTCCCAGACCAGCAATGAACTCCCAAGCTGCTGTACACGGG  
GAAAGATGTCACTGTCTTGCAAGCACTGATGGAAATAACAAAGAGGCATGGGCTAAGGA  
TTTGAAGCTGGCAGACTTTGCGCTGCTGTGCCTCGATGGCAAACGGAAGCCTGTGACTGA  
GGCTAGAAGCTGCCATCTTGCCATGGCCCCGAATCATGCCGTGGTGTCTCGGATGGATAA  
GGTGGAACGCCTGAAACAGGTGCTGCTCCACCAACAGGCTTAATTTGGGAGAAATGGATC  
TGACT

&gt;SEQUENCE:4847:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGTGCTCTTCTGTTAATGACCTGGCAGCT  
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TGAACCTGGCATCTGTTAGTAACTTTCTCCAAACAAAGCTAATTTAGGTTTTGTAGCA  
TATGAAGCCCTTCTAGCTCTTTCCACTTTTGATTTTATTTTCATCCCTAATTGCCATCGT  
ATTGAGGTCATTTTTAACTATTTTTTCCCAATGATTTATTTTTCTAGTGTATTTTTT  
TTCTCTTGGAATTTGACCTAGGGCATGTGTGCATGAGTTTTACTCGGGACACTTTCTATT  
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&gt;SEQUENCE:4848:prostate\_MPM2000-004P1Novel007-2-Table1

TACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTAAGGGTAA  
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TTAAAGTGTGTCCAAAGCGCTTATAAATAAAGCATCTTCGAGGCAGGCGGCTCACTTGAG  
GTTAGGAGGAAAGCAGACTGGCCAACATGGTGAAACCCCGTCTCCACTGAAAATACAAA



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AAATTAGCCAGGCGTCATGGCGCACCTGTAGTCCCAGCTACTGGGGAGGCTGAGACACGA  
GAATCGCTTGAACCTGGGAGGTGGAGGTTGCAGTGAGCCAAGATTGCACCACTGCACTCC  
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>SEQUENCE:4850:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGGTCTGGC  
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CCATTTTGTCTCGGCAGCGGTGGCCGTAGCTCCATCGCATTTTATGTTTCTGGCGAGAAG  
GGAACGGAGTTTTTCATCAGGTAGATTGGTTTTTGTGCGGCCGCTCTAGAAGTAGTGGATC  
CCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCC  
CGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGT  
CATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAGCCG  
GGAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTAACTCACATTAATTGCGT  
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>SEQUENCE:4851:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTGTATGGTTCAC  
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TCTACACCTACTGAAACAGAGCATGTATTTTATAAGATCCTTAGGTGATTCACATGCACG  
TTACATTTTAAATGGTTTTAATAAATTATACTTGAGAAATAATAAACTGCATATATTTAA  
GGTGTCCAGCTTGGCTCAGCCTGGTGGTTCACACCTGTAATTCCAGGATTTTGAGACACT  
GAGGTGGGAGGATTGCTTGAGTAGCTGAGACTACAGGCGTATGTCACACCAGGCTAATTT  
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CCTCAAGTGATCCACCTGC

>SEQUENCE:4852:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTGCTGAAGATGTCCC  
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CACGCACGATGGCTTTGACGTAGGCGTCCCCTGTTTCATGGGCTCTAGTGAATCCCTGCCA  
TCTAATCTATACACTCTCTTGTCGACGCTCCCGTGCCGGCACAATTCAAGTCTTAAACG  
CCCCAACCCACGGCCGGTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCA  
AGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAG  
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>SEQUENCE:4853:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACACAGTATCAATA  
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GTGCAGCCCACACTTAAGTAGTTGTATATTGTGCTCCCCCTCCTTTAGGGTGGAAAATCT  
ATAAATTATTTGGAATTCTTCTGCATAGGACATTTGTTTCTTCAGTTTCATTTATTTATT  
CAGTCATTTATATGAGTGCGTAGTCATAAATATTTATTTTATACTTTAACTTAGAATCTA  
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CTTTTCTTTTCCTTC

>SEQUENCE:4854:prostate\_MPM2000-004P1Novel007-2-Table1

CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACGCG  
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GGGTCTGCCGCGGTGGCCGGGTGCCGATTTGACAAGATCAAAGCTGCAGGAAAATGGACA  
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AGCTGCCTTATGAGGATGTCGCAATACCACTGAATGAGCTTCCTGAACCTGAACAAGACA  
ATGGTGGCACCAAGAATCTGTCAAAGAACAAGAAATGAAGTGGACAGACTTAGCCTTAC  
AGTACTCGTCTTGGTGAGAGCGTGAGCTGCTGAGATTTGGGAGCCTGCGCTAGGCCCGCT  
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TCGCAAGAACAAGACTCT

>SEQUENCE:4855:prostate\_MPM2000-004P1Novel007-2-Table1

ACTATAGGAGTCGCGCTTATGACTATTGGGCGAATCGCAGCTCCAGCGCGGTGGCGGCCG  
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TAAAGCTCTCAACCCTGTCCCCTTCCCCCTCTCTCCTGGGAAAGAGCCCTCCCATGCCTA  
GCTGCTGCTCTTAGGGACCCTGTGGCTAGGTGCGCGGATGGAAATCCAGGTATGCCCAAC

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CCCCTCCCGGTGGAGTAGGGGTTGGGTGGTTATGGAATGACGGAAAGAGGCAAAGGAGTG  
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CTCAGG

>SEQUENCE:4856:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGACGCGGG  
G

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GCCTCTCCATGGATGAGAAAGTCGAGTTGTATCGCATTAAAGTTCAAGGAGAGCTTTGCTG  
AGATGAACAGGGGCTCGAACGAGTGGAAGACGGTTGTGGGCGGTGCCATGTTCTTCATCG  
GTTTCACCGCGCTCGTTATCATGTGGCAGAAGCACTATGTGTACGCGGGCTTATGAGCTG  
TGACATCGTAAACCATGCACAAGGGCTCTTCCAGGGTTAAACAAAATGCATAACAATCAA  
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>SEQUENCE:4857:prostate\_MPM2000-004P1Novel007-2-Table1

CGCTGGGTGCAGCCGAGCGGTGTGGAGCGGAGAGAATACTCGAAGGGCTCTCCTGATACT  
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GTTGGTCTCGAACTCCTGGCTTCAAGCGATTCTCCACCTCAGCCTCCCAAAGTGCTGGG  
ATTACAGGCGTGAGCCACCACGCCTGGCCTCACTCAAACAGTAAACGAGGTATGTGACGC  
ATTCCCAGACTCTTCAGCCAACTGAGCATCAGCTTCTTCACAGCAATTGGGTCCTGATTA  
ATGTCCTCCCAAGACAGACTTCATTGGATCCACGATCAAGAGGACTCTGCCAGGTTTTTC  
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>SEQUENCE:4858:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTAC  
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CCAGAAGCCTTGTGTCTAGTAACAGGTAACAACAGCCATCTACTGTTGGAGAAAGAACAA  
AAGCATGGAAAGGATGGAGCATGGAAAGAGGGAAAAAACAACAACCACTCTCCAGCACTC  
CAGGTCTTAACATTAAGCACAAAATAGGAGCAGCCTAGCCCACCACCGGAGGGATTTCAA  
GTCTGTTGCACACTGAAAATAACCATGGCTACAACAAAACCCAATTCACCACAAATGCTG  
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GAACATTTGCTTCAGTGTCTACTTTT

>SEQUENCE:4859:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACGGAAT  
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GGAATGGAATCAACGTGAGTGCAGGGGAATGTAATGGAACGGAATGCAATGGAATGGAAT  
CATCCGGAATGGAATGGAATGGAATGGAATGGAATGGTATCAACCCGAGTGCAATGGAAT  
GGAGTGGAATGGAATGGAATGGAATGGAATGGAATGGAACAACCCGAATGGAATGGAATG  
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GAATGGAATGGAATGGAATGGAATGGAATGCAATGGAATGGAATCAACCCGAGTGCAATC  
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>SEQUENCE:4860:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACGCGGGGGAT  
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A

GGACGATTGTTTTACGGATCCCGTGATCGGCCCGTCCTTCTCCCCTTTCCCCCCTCCCT  
ACCGCCCCTGTCCCGCCGGGGAGCGGCGGCGGCCTTGGACTTTGCTGTCTTTCTCGCGG  
AGACAGATTTCAACACTACACTTGCACAATGTCTTTGAAACCAAGAGTAGTAGATTTTGA  
TGAAACATGGAACAACTTTTGACGACAATAAAAGCCGTGGTCATGTTGGAATACGTGCA  
AAGAGCAACATGGAATGACCGTTTCTCAGATATCTATGCTTTATGTGTGGCCTATCCTGA  
ACCCCTTGGAGAAAGACTT

>SEQUENCE:4861:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACTTTTTT  
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CTTGCGCCGGTCCAAGAATTTACCTTTAGCGGCGCAATACGAATGCCCCCGGCCGCTCT  
AGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGAC  
CTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTT

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GGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCCACA  
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>SEQUENCE:4862:prostate\_MPM2000-004P1Novel007-2-Table1  
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ACTCACTACAACCTCCTCCTCCTGGGCTCAAGCGATTCTCCTGCTTCAGCTTTCCAAGTA  
TTTGGGACCACAGGCGCACACCACAGGCCTGGCTAATGTTTTGTTTTGTTTTGGTAGA  
GACGGGGTTTCACCATGTTGCCAGGCTGGTCTCGAACTCCTGAGCTCAAGTGATTCACCC  
ACCTTGGCCTCACAAAGTGTCAGGCTTACAGGCGTGAGCCACTGCGCCCGGCTCACAGGG  
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AAAAAGAAAATTCAGTATGCCTGTAGAAAGGATAATCCTTGTTTAAAGTCTCCAAA  
>SEQUENCE:4863:prostate\_MPM2000-004P1Novel007-2-Table1  
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GGCTCGGTCAATTTTGGGACCATCTGTGGAACCACCATGTGTGATCAGACACCCAACACA  
CCCGATGCACAGTGGTGCAGAGGAGCGTCTAATCTTTTCAGGGCAGGGGTGGAGGGAATA  
AAAGGTAAGGGGGACCGACTAACACAGGACTCGCAGTTGAACGCTACTGTTCTGTGCAA  
GAACTCGCCGTCCACCTCGAAAGTGGCACTGCAAAAGAAGCTGCGTCCGTTCTGCTCACTCT  
CGGTAGCATTTAGCTGAAGTTGAACTGGCTGCCCGGGGGCCCCGGGCGCTTTAGAACTAG  
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>SEQUENCE:4864:prostate\_MPM2000-004P1Novel007-2-Table1  
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TTAAATTTACAAGGGGATTTAAAGGGTTCTGTGGGCAAATTTAAAGTTGAACTAAGATTC  
TACCCGCGTACTTTAAACCAGACAGCAGGGTTCAGAGGTGGCACACCGGGACAAAGCTGA  
GGCCCTGCACCTCAACAGCTGACTGCCAGGTGCCTGTGGGTGAACTGAGGGGAGTATAGG  
GAGAGGGCAGGTGGAAGTGGGGCAGAATCTAGTCATGCCCTAAAGCTAGCCCTGTACACA  
ATGGTGCCCCAAAAAGCT  
>SEQUENCE:4865:prostate\_MPM2000-004P1Novel007-2-Table1  
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CAACACTATAAGGAGTTGCCCAATTCACCAAGTCAGCCCGTTACACCCCTTAGTTAAGGT  
GGCCATTAAGGGGCCAGGGGGTGGCAATCAGTAAGCTGCCTCCTGCCTAACTTTTTTTTT  
CCAACCATTTCTTATAGGTTCCAGCGTATTTGCTAGCCCCATTGTATCCAAAAAATCCGG  
GCCAGTTTCGTTGGTCTGGAAGGCCCGCTTGCCCATTTGACAGAAGAAAACGAGATGCT  
CATTTTCCCAGCTTTGGCTTCTCAGCAGAATATAAAGCCTGTAAGGCAGTTGGCTCCATT  
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>SEQUENCE:4866:prostate\_MPM2000-004P1Novel007-2-Table1  
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GCTGTGGCGGAATACGTCTTCAGTGGTTCTCGTCTCAAACCTCTATTTGCCAAAGGAACT  
TGCTTAATAACCTTCTTGCTTGCAGGCATTGAATGCCCCAGAGGAGCCCGAAACCTCCCA  
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>SEQUENCE:4867:prostate\_MPM2000-004P1Novel007-2-Table1  
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C  
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CTAGGGAGGCTGAAGCAAAAGAAACACTTGAACCTGGGAAGCAGAGGTTGCAGTGAGCCA  
AGATTGCACCACTGCACTCCAACCTGGGCGACAGAGCAAGACTCCATCTCAAAAAAAG  
AAAAGAAAAAATGGCACTACATAATGTTTCTAATGCTGCTTTTCTTATATGATTTTCTTG  
ATGGATTTGCTTCACAACTTAGGAGCTAACATCTTTGGAATGGCTAGTCTCCTATAGAA  
GAACTTCTTTTACTTTCTTTTCATACA  
>SEQUENCE:4868:prostate\_MPM2000-004P1Novel007-2-Table1



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ATGGCGAATTGGACCTCCACCGCGGTGGCGGCCGAGGTACAGGTTCAATCATCTGTTTTT  
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>SEQUENCE:4869:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACAAACT  
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AAGAGGTTTTCTACTTCCCTCTTCCCTACCCAAACAGGATTTTCTTTTCACTGGTCCATC  
CACGCACAACCTAGTCAGTTCCGAACAGGAAAAGGAACAATTTATCAAGTTAATTGTCAC  
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>SEQUENCE:4870:prostate\_MPM2000-004P1Novel007-2-Table1

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C  
GGGGCATCCGAGCGGGTTTGACGGAAGGAGCGGCGGCGACGGAGGAGGAGGATGGAGG  
CG

GTGGTGTTCTGCTTCTCTCTCCTCGATTGTTGCGCGCTCATCTTCCTCTCGGTCTACTTC  
ATAATTACATTGTCTGATTTAGAATGTGATTACATTAATGCTAGATCATGTTGCTCAAAA  
TTAAACAAGTGGGTAATTCCAGAATTGATTGGCCATACCATTGTCACTGTATTACTGCTC  
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>SEQUENCE:4871:prostate\_MPM2000-004P1Novel007-2-Table1

TATACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTGCCTC  
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GCCTCACTAACTCCATGATGATGCACGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGC  
AGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGC  
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CCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAGCCGGGAGCATAAAG  
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>SEQUENCE:4872:prostate\_MPM2000-004P1Novel007-2-Table1

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G  
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AGGATGGAACCAAGATAACATAAAATAGGTGCTCCTTTGTGATAATGGGCTATTTGTATC  
TCTGAGGGCTTCCACACAGGATGGCCATTCAAGAAGCTTCTGCTCTGCCTTTCATTACAG  
TCTATCTTTAGTCCTCCTAAACCTTCAGCTATAATCTCTATGCAATCAACTTAAATATAT  
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>SEQUENCE:4873:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACAGCCT  
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TGGCCCTCGGGTTCATGCAACGGCGTAACCTGGAACCGACGCTTACGGACCAAGGGAAGTG  
GAAGATGTTTTGTTTGGAGTCCTCGTCGTCCTCCTCCATGTCATTGGCCAGGTAGCTGAG  
GACAGGAATCAGGTTGCTGCTCAGGGGCACCACCAGGAGAGACCTCCGGCTGAGGTCAGC  
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>SEQUENCE:4874:prostate\_MPM2000-004P1Novel007-2-Table1

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CTCCCAGGGAGACCAAAAGCCTTCATACATCTCAAGTTGGGGGACAAAAAAGGGGGAAGG

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GGGGGCACGAAGGCTCATCATTCAAATAAAACAAAATAAAAAAGTATTAAGGCGAAGAT  
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>SEQUENCE:4875:prostate\_MPM2000-004P1Novel007-2-Table1  
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GCCCAAGCCTTTTTAGAAGCTGTGCAATTCTTCCGACAGGAGAAGGGTCACTATGGTTCC  
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>SEQUENCE:4877:prostate\_MPM2000-004P1Novel007-2-Table1  
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CCTCATGCTGGATCTGAACAACCCAGCACAGGCATGTCTGGGGAGCATGGCGTGAGCCTG  
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>SEQUENCE:4878:prostate\_MPM2000-004P1Novel007-2-Table1  
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GGAGGATAATTGTGATGATGACAATGTAGAGGATGACTTCTCTAATCAGTTACGAGCTGA  
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>SEQUENCE:4879:prostate\_MPM2000-004P1Novel007-2-Table1  
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CCAGCTCGAAAAAATTTTAGTGTGGAGGATGGGATAGTAAAGATAATAAGCCAATGAAT  
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ACAGGAAACACAGATGGGGTGGCTCAATTACAAGACAGCAGTTAAAGAAGGCCTCACTGA  
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>SEQUENCE:4880:prostate\_MPM2000-004P1Novel007-2-Table1  
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GTTTATTGATGCCTCCTGTCCATTACCGATGTTTCTCCTGATTGTTATTCATATGCTCAC  
CACCCCTCCATGGAGCATCCATGGCCTGTGACAGAGCTCTGGGGACTGATATCCTTCCAC  
TGACTTTGGCGCTGGTGAGAGCCCTGGTCATGTGATTAGCTTGGCCTTAACCCGACCCA  
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>SEQUENCE:4882:prostate\_MPM2000-004P1Novel007-2-Table1  
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TATGTAGAGACAAGGTTTCACCATGTTGCCAGGCTGATCTTGACCTCCTGAGCTCAAGT  
GATCTGCCACCTCGGACTCCCAAATGCTGGGATTATAGGCGTAAACCACCATGCCTGG  
CCTTAAATCAACTTTAGAGTCAACATCTCTTATCACTGGAGCTTCTGGAGAACTCCATC  
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>SEQUENCE:4883:prostate\_MPM2000-004P1Novel007-2-Table1

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ACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCCTGAGGGCT  
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AGGCAGGTACAATTCAGGCAATTTTGTTCCTTCACTTGGGTTTCAGATTGCAAATTCATTG  
CTGTGAGAAAAGGATGGAGGCAAATTTAGCAGCAACCTCCACCTGACTGCTTGACTGGA  
GTGCTCTGAATTTTAACATTGGACTTCTCAGCACCACCAGCTGTTGCTCCGGGACCCATT  
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>SEQUENCE:4884:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:4885:prostate\_MPM2000-004P1Novel007-2-Table1

ACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGAGTCAGTG  
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CCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCC  
GGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTC  
ATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAAATCCACACAACATACGAGCCGG  
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GCGCTCACTGGCCG

>SEQUENCE:4886:prostate\_MPM2000-004P1Novel007-2-Table1

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TGGAGTCTGGGTAGTGTCTGTTTCTAGAGAATGGTCTCGAAGTAACTTCTCGGTAAAGTC  
TTCACGGAATTTCCAGACCACACTTGCCCACTGGGAGGCTTTTAGGACCCGAGACGTGTG  
CAGGCTTTTCCAGCCAAAATGAAGTTTAATCCCTTTGTGACTTTCGACCGAATCAAGAAT  
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>SEQUENCE:4887:prostate\_MPM2000-004P1Novel007-2-Table1

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AGCCCCTGCCCGCATCCTCCAGGGGGGCCAGGGTGCCTGCACTTTGCTGTGGCAGGCAGA  
TTGGGTGGTAGTGGGAGGATGTGCATGGAGGCCAATGAAAGCTGACATCTGTAAAAGGCC  
TTCAAGGAAGAGAAACCAGGCCCTGCGTCAGGCAGTGTGAGTTTGCCGTTTGTCTTAAC  
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>SEQUENCE:4888:prostate\_MPM2000-004P1Novel007-2-Table1

GGAGCTCCACCGCGGTGGCGGCCGAGGTACAAAGCAACAGTAAAATTAAGTATA  
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TAATCTTTGTAGCTACATTTCAAGTATTCAGTAGCCACATATGACTGTTGTTGACTGCA  
TTGGACGGTGCAAGTCTAGAATATAGTAGGGGCTCAGTAGATGTTTGTGGAATGAATGAA  
GGAGAGGAAGATGAGTTGGTTGTTAAAGGTTGATTGTAGAATCGAGGAAGGGTTTTGTTC  
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>SEQUENCE:4889:prostate\_MPM2000-004P1Novel007-2-Table1

TCACTAAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGTCATCATCATGGAGTTAGT  
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>SEQUENCE:4890:prostate\_MPM2000-004P1Novel007-2-Table1



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CGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGA  
TACCGTCGACCTCGAGGGGGGGGCGCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAA  
TTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCA  
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>SEQUENCE:4891:prostate\_MPM2000-004P1Novel007-2-Table1

CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCGCCCGGGGCAGGTACTCCA  
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AATACTGCCCAAGGATAGGTATTTTATAGATGGGCAACTGGCTGAAAGGTTAATTCTCTA  
GGGCTAGTAGAACTGGATCCCAACACCAAACTCTTAATTAGACCTAGGCCTCAGCTGCAC  
TGCCCGAAAAGCATTGTTGGGCGAGACCCTGAGCAGAATACTGGTCTCAGGCCAAGCCCAATA  
TAGCCATTAAAGATGACCTACAGTGCTGTGTACCAGTGAACAAAGGCACGCTTGGCATAAC  
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>SEQUENCE:4892:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCGCGAGGTACTTTTTTTTTTTTT  
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GTTGGTATAAAGATAAGCAGTTTATTTAATATCTAATTAAATGTGGTCACCAGAGAAATC  
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AGTTAGGTGAGCCTATATTACTAGCTATATTTATACTTACTTCAATCAAATTTATATACT  
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>SEQUENCE:4893:prostate\_MPM2000-004P1Novel007-2-Table1

ATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCGCGCTCTAGAACTAGTGGATCCCCCGG  
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TGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAGCCGGGAGCA  
TAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTAACTCACATTAATTGCGTTGCGCT  
CACTGCCCGCTTTCCAGTCGGGAAACCTGTCGTGCCAGCTGCATTAATGAATCGGCCAAC  
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>SEQUENCE:4894:prostate\_MPM2000-004P1Novel007-2-Table1

GGCGAATTGGAGCTCCACCGCGGTGGCGGCGCCATGTACAAGCCATAGCAACCCCTGGTGC  
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>SEQUENCE:4895:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:4897:prostate\_MPM2000-004P1Novel007-2-Table1

TTTTGGTCTATAAATTGGAAAGGAAGGCTCGGACTGAAATAAATACATTTATTCTGAGTA  
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>SEQUENCE:4898:prostate\_MPM2000-004P1Novel007-2-Table1

CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCGCGAGGTACGCGGGGCT  
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>SEQUENCE:4900:prostate\_MPM2000-004P1Novel007-2-Table1

CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCGCGTGCCTTTGTGGCCGTCC

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GGCCTCCCTGACATGCAGCCCTCTGGACCCCGAGGTTGGACCCTACTGTGACACACCTAC  
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CCTGTCAAAGTCAGATGCCAAAAAGCCGCCTAAAGACCTGCTGGAAAAGAAGCAGTTTT  
AGATAACCCGGGCAAGACCGGGGTTGGGGGGACGGACCTCAAAGCTGAGAGTGTGGTTCT  
TGAGCATCGCAGCTACTGCTCGGCAAAGGCCCGGGACAGACACTTTGCTGGGGATGTACC  
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>SEQUENCE:4901:prostate\_MPM2000-004P1Novel007-2-Table1

TTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTATTCTTTGCAGTCTCAGGAATTGTTG  
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TGGCAGTATTCATGGAAGGTTTCCTCTTCTACTACCACGTCCACAACCGGCCCTCCGCTGG  
ACCAGCACATCCACTCACTCCTGCTGTATGCCCTTGTTCGGAGGGGGGTGTTAGTATTTTC  
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>SEQUENCE:4902:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCAGACCCGCCAGAACCA  
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>SEQUENCE:4903:prostate\_MPM2000-004P1Novel007-2-Table1

ATCGGAGCTCCATTTCCGGTGGCGGCCGAGGNACTNNAATTTTTTTTTTTCTCTCTCCCT  
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TCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGG  
CCCGTTCCCA

>SEQUENCE:4904:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTTTTT  
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AAGATTATATTCTTTGAGTCTAAAATAAATAAATAACTTCCAAAAAAGTAAGTGCTTT  
TGTTTGGAAGGTGATAACATTATAATTTTAAACCAAACCTGCTTCACTGATATAACTCCCA  
CCAAATATCTTCATGGGGTAGGTTACTGATTTTTATCTTCCTGAATAAGGAAACAAAGGT  
CAGTGACAGATACCAGTAACCTGATTATTTTACAATCTTAAAAAACCACACATATTTT  
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>SEQUENCE:4905:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGGTGTCTGCTGGTGGGAATGT  
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GGAGAAGGGAAGCACGGTCAGCGCGCGGGTCTCTCCTCGGACAGGAAGTGCCCCGCGT  
A

CCTCGGCCGTTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTTA  
TCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGG  
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>SEQUENCE:4906:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTTTTTT  
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GCGTGATCTCAGCTCACTGCAACCTCCACCTCCCGGGTTCAAGCGATTCTCCTGCCACGG  
ACTCCCGAGCAGCTGGGATTACAGGCGCCTACCACCACACCCAGCTAATTTTTGTATTTT  
TAGCAGAGATGGGGTTTACCATGTTGGCCAGGCTGGTCTCGAACCCCTGACCTCAGGTG  
ATCCACCCGTCTCGGCCTCCAGAGTGCTGGGATTATAGGCGTGAGCCACCATGCCAGC  
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>SEQUENCE:4907:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:4908:prostate\_MPM2000-004P1Novel007-2-Table1

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TCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTCTAGAACTAGTGGATCC  
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>SEQUENCE:4909:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTAC  
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GCAGATCATGAGGCGCACCTATGTTGGCAGCATGCCTGGTCGCATCATCAACGGCTTGAA  
GACTGTGGGAGTGAACAACCCAGTGTTCTATTAGATGAGGTTGACAACTGGGAAAAAG  
TCTACAGGGTGATCCAGCAGCAGCTCTGCTTGAGGTGTTGGATCCTGAACAAAACCATAA  
CTTCACAGATCATTATCTAAATGTGGCCTTTGACCTTTCTCAAGTTCTTTTTATAGCTAC  
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>SEQUENCE:4910:prostate\_MPM2000-004P1Novel007-2-Table1

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AGATGTGAGCCACCAACCTGGCCAAAATAATAAAATTTTAATCAGTNAAAAAAAAAAAAA  
AAGGAAAAGTGTAATGTGTTTCATCCAACAAAGCCTTTCTTTCACACATATGAAATATAA  
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>SEQUENCE:4911:prostate\_MPM2000-004P1Novel007-2-Table1

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTGTTTTT  
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TGTTGCTTAAAGGAAGACAAACATAAAAGATTCCGTTGACAATGCATTTTTTCATC  
TGTTGCGGCACAATGCTTTTGTGATAATGGAGATGTGACAGCAAACTTTCCAGGACATTCA  
GTCTTCGGCGGCAGCACTTAGGGCAGATGACTGGCCGCTTATAAATGAGGCCAAAGCACC  
AGGTAGGTGGAAGGTTCTTGATCGGTTTGAACCCCGACAGCTCGCCAACATACAACACG  
AGGCAATGGGGAGCAACATGCTG

>SEQUENCE:4912:prostate\_MPM2000-004P1Novel007-2-Table1

ACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGATACCTTACCGTGGCTGCTGT  
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GAACAGCAGCTACTTTGTGGAATGGATCCCCAACAAATGTCAAGACAGCCGTCTGTGACAT  
CCCACCTCGTGGCCTCAAGATGGCAGTCACCTTCATTGGCCATTAGCACAACCCATTCCA  
GGAAGCTTCTTCAAGCGCCATCTCCGGAGCAAGTTCACTTGCCATTGTTACGCCGGAAA  
GGGCACTTCCTCCACTTGGTACAACCTGCCCGTGGCGGNNCCGCTCTTAGAAAAGTATTG  
GATCTCCCCGGGCTTGAGGGAANTTNTCGATATCAAGCCTTTATCGATTNACCGTCGAC  
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>SEQUENCE:4913:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAATTTCT  
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CTCATGCCGCAAATGGCAATCTGCGCGCGAACTAATTGCGGCCGCTCTAGAACTAGTGG  
ATCCCCCGGGCTGCAGGAATTGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGG  
GCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCAT  
GGTCATAGCTGTTTCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAG  
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>SEQUENCE:4914:prostate\_MPM2000-004P1Novel007-2-Table1

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GACAA

>SEQUENCE:4915:prostate\_MPM2000-004P1Novel007-2-Table1



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AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTTGTCTAAGGCT  
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ATTATACTCTTATTCCAACCTACATCTCCCTCCCCAAAGAAGCGCACACAAAACAATTTTA  
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GGCTGCTTAAATGTCACATCCTGGCTCCTAGCAGGGAAACAAAACGCTCTGA  
>SEQUENCE:4916:prostate\_MPM2000-004P1Novel007-2-Table1  
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CACTGT  
>SEQUENCE:4917:prostate\_MPM2000-004P1Novel007-2-Table1  
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AAAATATGCACTGAGAAAGCCAGCCCCGCCTGCTTAGTCAGCCCCGGCAGCAGGGCAGCC  
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>SEQUENCE:4918:prostate\_MPM2000-004P1Novel007-2-Table1  
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CAGGTGAAAGAGTAAGTAGCCTCCAACCTTAAGCAGACAGAATAATTTTCTTTAAATGAA  
AAGAACATTTTAAGCTGTCTTCCCCCTAAAAGATCAGATCTAGAAAGGGCTGGAAATGA  
ACTGTGCCCAGGAATCTGGGGGTGCTCTCCAGTAAGGCGAACTGAGGCTCATTGTCAGCC  
AAGACTTGGAACCTCGGGATGAGACCTAATGGGCTATTGCTGCCATCTGGCTGCCAAAAAG  
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>SEQUENCE:4919:prostate\_MPM2000-004P1Novel007-2-Table1  
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CCGCCCAATCTCCTTCAGCTTGGCCACCAGGTCCTCAGTGGTCTCCACCTTGACGCCGGC  
CGCTCTAAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACC  
GTCGACCTCGAGGGGGGGGGCCCGGTACCCAGCTTTTGTTCCCTTTAGTGAGGGTTAATTGC  
GCGCTTGGCGTAATCATGGTCATAGCTGTTTCCCTGTGTGAAATTGTTATCCGCTCACAAT  
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CTAACTCACATTAATTGCGTTGCGCTCACTGCCCGCTTTCCAGTCGGGAAACCTG  
>SEQUENCE:4920:prostate\_MPM2000-004P1Novel007-2-Table1  
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TTCAGTTATCAATATTACTGCATTATGGAGCTAGTGCAATCCTGCATAGCCTTGGTCAA  
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>SEQUENCE:4921:prostate\_MPM2000-004P1Novel007-2-Table1  
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TCTCCAGTGGGTTTGAATTTCTCCCCAGAAAATGGATCTAACTTTTCTATCGCATTGTCA  
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ATTTCTTCCACTAGATATCCTAATCATATCTCTCAAGGTCAAAG  
>SEQUENCE:4922:prostate\_MPM2000-004P1Novel007-2-Table1  
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TTGTTACTGTGTAAGAAACAGGGACTGTTCCCTTGATGGAGCTGATCATGTATGTCAACCA  
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GAGGGTGGAAGGCTCGAGGCTCCTCTATTGCTTGCTGCTGTGCGTAAGGGAGATGGTGAT  
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>SEQUENCE:4923:prostate\_MPM2000-004P1Novel007-2-Table1  
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GGATTGCATTCATACAGGAGCCGGAGCTGTGGAGGAACAGAGGCAGGACAAATTCACCAA  
GAGCCTAGCAACATGAAGAGAGATGCCAGGAAGAAGAGAGAAGCCAGGAAACAAGCCAAC  
CGCACAATCCCCACATCAGAGCAGGAGAAGATGGGGGCCTGCTGGCAGAGCTGGGGCTTG  
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TGCGGCCCTCTCCCAGGAGGCAGAGAGCACAGCTTTAGGTAGTGTAAAGCCTTTTTCTTT  
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CCTGGCAAATTGTCATAATTTTTGTGAAGATGGGGTTTCACCATGTTGGCCAGGCTGCC  
TAGGTTTTGTTTTTAAGAAGTAACCTGAAATTTCTACAACACTGAATAAAGTGGTTCT  
GCCCGGGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGTAGGAATTCGATATCATGC  
TTATTCGATCCGTCGACCTCGAGGGGGGGGCCCGGGTCCCAACTTTGTTCCCTTTAGTGA  
GGGTTAATTGCGCGCTTGGCGTAATCA  
>SEQUENCE:4926:prostate\_MPM2000-004P1Novel007-2-Table1  
GCCCAGAACCAGCCNCGGCAGCTTTTCACNACAACGGGCCACCAGCCGCAAAAACACGN  
GCAGCAGAGNAAGAGAGGCACNANGGCGNGGCAGAAGGCNGGGCACCCACACATTTACA  
G  
ACAATTTT TAGCAACAGCGGGGGGGCCCCCCCCAGGACCAAGCNNGGAGAAGGNGNNGGCC  
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>SEQUENCE:4927:prostate\_MPM2000-004P1Novel007-2-Table1  
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AGAGCTGGGTCAATTGTGGATCACTTGTAGAGGTCTGGGTGTCCACAGGGCAAAGAAA  
GTCTGTACTTGTCTGGATGGGTCCACAGCTCGATCTGCGCCATCACCTGGTTGGTGAAGG  
AGTTACTCATCACGAAGCTGGGGTGGCCCATGGCACAACCCAGGTTGACCAGCCGACCCT  
CGGCCAGCAGGATGATGCGGCGCCCATTTCTCAACCGATACCGGTCCACCTGCGGCTTGA  
TGTTACCTTCTCCACGGCGTTCTCGTTGAGCCACTT  
>SEQUENCE:4928:prostate\_MPM2000-004P1Novel007-2-Table1  
CTCACTATAGGTCGAATGGGAACCCACCGCGGTGGCGGCCGAGGTACCTGAACAAATCCC  
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TTGGGGCCAGGTTCCCTTGATATTGTGGGGTCCCCACAC  
>SEQUENCE:4929:prostate\_MPM2000-004P1Novel007-2-Table1  
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GTCTATGCTGAAGAGCAGCTTCACTTGTTTCCCCACAGAAAAAGGCCCAAATTTTGGGA  
GGATAATTTAAAACTAAGCCAATAAGGCCAGGCACGGTGGCTCATGCCTGTAATCCAG  
CACTTTGGGAGGCCAAGGCGGGCAGATCACCTGAGGTCAGGAGTTCGAGACCAGCCTGGT

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TAACATGGCGAAATCCCGTCTCTAATAAAAATATAAAAATTATCCCGGGGCATGGTTGGCA  
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>SEQUENCE:4930:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:4931:prostate\_MPM2000-004P1Novel007-2-Table1

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ACTGGGGCTTCTGGTACACGACATCTGACTTGGGAATGCGCAAGCAGTCGAGAGCTTCGT  
AGAACTCTCCAGTTGCTCCTTGGTCGTCTCTGGCTTGTGAGCATAGACAGACAGCCCCC  
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TCAAGTGAGCGAAATGCTCTTGGC

>SEQUENCE:4932:prostate\_MPM2000-004P1Novel007-2-Table1

GCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACGCGGTGGCGGGCCGAGGTACAT  
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CAGACCCATCAGAAAGTCCACGTGATAGAGAAACCATACAAATGTAAGCAATGTGGGAAA  
GGTTTCAGTCGTAGATTAGCACTTAATGTTTCATTGCAAGGTCCACACGGCAGAGAAACCT  
TATAATTGTGAGGAGTGTGGGAGGGCCTTCAGTCAGGCCTCTCATCTTCAGGACCATCAG  
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GAGTGTGGTAAGGGCTTCATTTGTAGCTCAAATCTTTACATTCATCAGAGAGTCCACACA  
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>SEQUENCE:4933:prostate\_MPM2000-004P1Novel007-2-Table1

ATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCCGGGCAGGAC  
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GATCTGGGACCAGCATGCCACCCAGTCAGGCCGCTCTGTTTCGTGATGTTTTGGAC  
ACCCAACGTGTCTGAGAAAATCTTGATAGACATCATCGGAGTGGACTTTGCCTTTGCAGA  
ACTCTGTGTTGTTCTTTGCGGATCTTCTCCTTCTTCCCAGTTCCAGTCACAGTGAGGGC  
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>SEQUENCE:4934:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCCGGGCAGGTAC  
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GCTCCTTCTTCTCAGTAATAACAAGCTTTTTTGGTTTGAAATATGGATCCTCTTCCCAGCA  
TAATAATGTGATTTTTTTTATTCATTTTATGTTATTATATTCACATTTTACTTAAAGGA  
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>SEQUENCE:4935:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCCCGCGGTGGCGGGCCGCTCGGCCTCCCAAAGTGCT  
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CAAACCCTGGAGCATCTGCTTAATTTTCCCATAAAATCAGTCTTATTCTTTCTGACAGCT  
CTGAGACTCCTCCGGCCACGACTAGGTGCTGTCCTGGAGGAAACGGTGGAGGACGGCCGC  
ACAAAAACCAATGCTACCCTGATGAAAAACTCCGTTCCCTTCTCGCCAGAACATAAAATG  
CGATGGAGCTACCGGCCACCGCTTGCCGAAGACAAAATGGCGCCGACCCCCGCGTACC

>SEQUENCE:4936:prostate\_MPM2000-004P1Novel007-2-Table1

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGGCTCCTTTGACAACAG  
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GGTCGTGCGCAAATTCGGGGGCCACGCAGGGGTGAGTGAAAGCCTGGAGACCCTCATTTG  
AGTGGAGGGGACCCGTATTAGCGCATAGGTGGTGACACGGCCACCCCCATTACACCGTAA



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GGATCCCTTCCCCAGATGACGATCCCCCACTTCGTATGCCAGGTTAGGCAGCCACCAACC  
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>SEQUENCE:4937:prostate\_MPM2000-004P1Novel007-2-Table1

GTATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTATGACATGG  
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CAATGTACCTGCCCGGGCGGCCGAGGTACAGAAAAATCACAGTAATCCACTCCAATGTCT  
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>SEQUENCE:4939:prostate\_MPM2000-004P1Novel007-2-Table1

GCGTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCA  
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CCCCTTCAACTCGCCTCCGCTTAGGTCTGGATTGGCCCCGCCCTGACCTGAGCCTGGT  
CCTTCTTCAGGCCCTGACCCTTGACCTCCGGTGGCTCCCCCATCTCTCAGGCGCGATGGC  
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>SEQUENCE:4943:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGGGCGAAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACGCGGGT  
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>SEQUENCE:4945:prostate\_MPM2000-004P1Novel007-2-Table1

GACTCACTTAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACGCG  
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>SEQUENCE:4947:prostate\_MPM2000-004P1Novel007-2-Table1

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CTCTCTGGTTTATTCAACTCATGTGGATCAGGTTTCGTGAATATATGGAAAATGAAAAAGA  
TAAAGCTCTTTGCAGTCTTAAAGAAGAGCTTATTTTTGCTCAAGAGGAAAAGATCAAGGA  
ACTTCAGAAAATACACCAGTTAGAGCTACAGACTATGAAAACACAAGAAACAGAGGCCAT  
GGAGGACGAGGAGAGACAGAAGAAGCTGGAGGCCGGCAAAGCCAAGCTTGCCCAGTTTCG  
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>SEQUENCE:4949:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATCACCC  
TGCTGAGGGACATCCAGGACAAGGTCACCACACTCTACAAAGGCAGTCAACTACATGACA  
CATTCCGCTTCTGCCTGGTCACCAACTTGACTATGGACTCCGTGTTGGTCACTGTCAAGG  
CATTGTTCTCCTCCAATTTGGACCCCAGCCTGGTGGAGCAAGTCTTTCTAGATAAGACCC  
TGAATGCCTCATTCCATTGGCTGGGCTCCACCTACCAGTTGGTGGACATCCATGTGACAG  
AAATGGAGTCATCAGTTTATCAACCAACAAGCAGCTCCAACACCCAACACTTGACCTGA  
ATTCACCATCACCAACCTACCATATTCCCAGGACAAAGCCCAGCCAGGCACCACCAATT  
ACCAGAGGAACAAAAGGAATATTGAGGATGCGCTCAACCAACTCTTGCGAAACAGCAGCA  
TCAAGAGTTATTTTTCTGACTGTCAAGTTTCAACATTCAGGTCTGTCCCCAACAGGCACC  
ACACCGGGGTGGACTCCCTGTGTAACCTTCTC

>SEQUENCE:4950:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACACGGCTCAGAAGATCG  
AAGTATCAAAGTCACGTTCTCTGTTTCTAACACTGTATGATAGACAGCTTTGTGGAAATC  
TGTCAAAGAACAATACACCATCTTGCTTACTTCTTAGGCAACTGATCCTTGATAAGAGT  
CTTGGTGCCTGAGAAACCATGCCAGACATCTTTTTGGCAAGTCTTTGCATGGCCTTTC  
GGCCAGTGGCTAGATCTCTTTGTTGCCGTGTGTCTCTGACCATGTTCTACTGGGTGAG  
AAAAGTCTTCTTGAAGTACGTCCCACTCCCTAAAAGGCCTGGCACAGCCCAGTGCATAA  
CACACCACAGTTCCTTCATGTTGTTCTGAAAGATGGTTCCAGCGAGGCCAATGCGGACAT  
TACATTTCAAAGCTTGCATAACTTCTGGTACTCTAGCTTTTGGATTCTTGATTCTATGAG

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CTTCATCCACAATGACAGCTGACCATTCCAACT

>SEQUENCE:4951:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGGGAAAGGGCCAG  
G

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AAAATGTTAAAAGACATAAAGGAAGGAGCTAAACCATATGGACCCAACCTCTCCTTATATG  
AGAACGTTATTAGATTCCATTGCTCATGGAAATAGACTTATTCCTTATGATTGGGAAATT  
TTACCTAAATCTTCCCTTTACCCCTCTCAGTATCTACAGTTTAAACCTGGTGGATTGAT  
GGAGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAA  
GCTTATCGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGT  
GAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTT  
ATCCGCTCACAATTCCACACAACATACGAGCCGGGAGCATAAAGTGTAAGCCTGGGGTG  
CCTAATGAGTGAGCTAACTCACATTAATTGCGTTGCGCTCACTGCCCGCTTTCCAGTCGG  
GAAACCTGTCGGGCCAGCTGCA

>SEQUENCE:4953:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCGGGAAC  
CAAACCTCTCATTCCCCAGGGGGCCTAAGCCCCCGTGGCCAGGCCCTTCTCAAGTCAGGGT  
TCCTGCACATTCACAGTTACGGGTGGCCCTGGGAGTAACACCTGGCACCCAAACAGGTCA  
CCAGAGTCCACACATAGTCCACCTGCCCTCCCTGCGTAAGATCAGCTCTTCCTCCTCCCG  
ACGAATAGATCAGGGTCAATGATCCCTGCCAAGATGGCGACTGCTCCAGCCTGCTGGTCC  
AACCTGTCCAGCCACAGCTGTTGCTCGAAGGCTTGAAGTTCAATGGGACCCTCTCCCGCT  
TTCTACAACTGGTTCCTTTATTTTATGTTTATTTATTTGGGACGAGGTCTGGCTCTGT  
CACCCAGGCTGGAGTGCAGTGGTGAATCACTGCTCACTGCAGCATCCACCTCCCAGCGT  
CCACCCATCCTCCTGGCCTCAGCCTCCGGAACAGCTGGGGTACCTGCCCGGGCGGCCGCT  
CTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGAT

>SEQUENCE:4954:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGGGCGCGGTGGCTCACGCCTGTAATCCCA  
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GCCTGTAGTCCCAGCTACTCGGGAGGCTGAGGCAGGAGAATGGCGTGAACCCGGGAGGC  
G  
GAGCTTGCAGTGAGCCGAGATCGCGCCACTGCACTCCAGCCTGGGCGACAGAGCGAGACT  
CCGTCTCAAAAAAAAAAAAAAAAAAAAAAGTACCTGCCCGGGCGGCCGCTCTAGAACTA  
GTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGG  
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>SEQUENCE:4955:prostate\_MPM2000-004P1Novel007-2-Table1

GGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGCTCACTAGAAGGAGCCCCCTGAC  
C  
CCTTCTTCCAAAATACTTTTTGTCTTTGTCTTCGTTTCTGCATTCATCCCCCTTCGTTCA  
CTCCCATAACAACCAACAGCGACAACCTGGCACCTAGGACAGGGACGTGAGTGAAGGTCTG  
CTGGAGCAGAGAACTGACACTGGCAAGAAGAACGAGAATGAGAAACCCTGCGACGAGTC  
TGCTGACAGCTGATATAAGTCTGCAAAATCAGCTGGACCACCAAACGGCAATTGAGAGCT  
GCACAACCTGCAATTACCTTTATTCAATTAATGCAAAAACAAAATGGGGAGATGTTACA  
GGCCGAAAGAATGAAGGTCGTGACCAACTCAGTATACCACTGAAGGCTATATGAGCAAAC  
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AAGGTTGCTGAGGGCAGTCATGCCCCAAG

>SEQUENCE:4956:prostate\_MPM2000-004P1Novel007-2-Table1

CGCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGACGTAC  
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AACTGCTGGGCTTAAATTTAGCTCACGGGAAAGGAATCCAAAAGCCTCCCCGCGTACTT  
GGGCTTTTTGTTGTTTACTACTTGGGAAATTGGCATGTATTCTGCAAACACTTGTTTTAC  
GCCAGTTTTACCCCATCTGCTAAACGCAATGCATAGTCTGTATCAACCATAAGAACCCAT  
CTGTAAAAACATCAATGTTGATAGTCAAAGACCACTGTGTTACAACCAAATCAGGTCTT  
GTATGATTACATACATGAGACAGAGCAATGGTGGCACATGCTGAGCATGACAATGGCTCA  
TATGTTTGACGCAAAAGTAAACAAATTCATGGATGCATTCACGAGGAATGCCTTGCATGG

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ACAAGGGTAAAGTTCAATTTAAAATAAAAGCTCCCTAATATTCTTATAGGGCACCAGCTC  
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>SEQUENCE:4957:prostate\_MPM2000-004P1Novel007-2-Table1  
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CATGTTGCTCCCCACTGCCTCGTGTGTTGTCTGTTGGCGCGCTGTGCGGGTTNAACCGATAC  
AAGAACCTTCCACCTACCTGGTGTCTTTGGCCTCATCTATAAGCAGCTTTTCCACTGTCCT  
GAAACAAGATAGAGAATCTGAGCGGCCAGTCATCTGCCCTAAGTGCTGCCGCCGAAGACT  
GAATGTCCTGGAAAGTTTGCTGTACATCTCCATTATGACAAAAGCATTGTGCCGAACAG  
ATGAAAAAATGCATTGTCAACGGAATCTTTTATGTTTGTGTTGCTTTCCTTTAAGCAACAT  
TGCCTTACTTGTTATAAAAGATAAATAAATATTTGTTTCAAAAANAAACAAACGCAC  
AAAGAGGTACCTCGGCCGCTCTAGAAGTGTGGATCCCCCGGGCTGCAGGAATTTCGATAT  
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AGTGAGGGTTAATTG  
>SEQUENCE:4958:prostate\_MPM2000-004P1Novel007-2-Table1  
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G  
ATGGGCAAGGGCGGCAAGCATCACCTTGGCCTGGAGGAGCCCAAGAAGCTGCGACCACCC  
CCTGCCAGGACTCCCTGCCAACAGGAAGTGGACCAGGTCCTGGAGCGGATCTCCACCATG  
CGCCTTCCGGATGAGCGGGGGCCCTCTGGAGCACCTCTACTCCCTGCACATCCCCAACTGT  
GACAAGCATGGCCTGTACTTATTGGCACAAATTCGGGCAGCCTCCAGGGCTTCAGAGGAC  
AGCTGCTCATATTCATCTGACACCATGTGGCCCCAAAG  
>SEQUENCE:4959:prostate\_MPM2000-004P1Novel007-2-Table1  
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TCCAGCTTCCTGAAAAGAAGTGGCAGGGACAGTGGCTACAGAGACATCTGGTGTCTGAA  
CGTGGAGAATTTCTTGCTCCTCCAAGGCACCATAAGAGAGAAGATTCCTTTGAAAGCTAG  
GACTCTCAGGGCTCGAGGTCATTGACAAGCTGCTCCTCTGATATCACATTAAGAGGGGGG  
CGTGAAGGTTTTGAAAGTGACACACATGCCGGAATTTACCATTCAAGATGCAGGATTATA  
ATAAAGATGATA  
>SEQUENCE:4960:prostate\_MPM2000-004P1Novel007-2-Table1  
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CTCCCTATACCCAGGTATAACTCAAATCCAAAGGGATAGGGCCAGGATCCCTATTCTA  
CCCCATCTATTCTCTGTTGGCTCCAAGAGCTACCCAGAGACCTTAACAGAAACAGTAG  
CTGAGGCTTCTCCTAGATACCTGACTAGGGAAGTTTGTCTCTCCTTTCTTGCCCAACCA  
GGTCAAAGTAAAATGTGAGTTGACAGCTCAAAGCACTTGTAAGTGTGCCCCCTCCCTAC  
CTCTACTCCCCAAAATGGAATCATGGGATAGGGAAGGCCCCCATGGGGTCAGAAGGGCAC  
GGTAGGTTCTTGCAATAATTTTG  
>SEQUENCE:4961:prostate\_MPM2000-004P1Novel007-2-Table1  
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TTTTTTTTTTTTGCTCCAAACAGATTTATTGAATACAGCAAAATTCTATATAAAAGGGA  
CCTGGACCTGCTGCTTCAAACATGATCTTTTTTTACTAATATCTTGATAGTCGGGCCAT  
AGAGCATTAGAAAGCAATTGGCTCTTAAATTAACAGAAAAGTGCCTAATGCACATTAAAT  
GAATGGCCTAACTACTGGAACCTTAGTAGTTCTATAAGGTAATTAACATAGGTAGGATCC  
AGTTCCTATGACAGGCTGCTGAAGAACAGATTTGAGCATCAAGAGGCCATTTGTGCACT  
TGCCCCGTGATGCCATCGTGTTACTGGATCATAATG  
>SEQUENCE:4962:prostate\_MPM2000-004P1Novel007-2-Table1  
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TACTACTGGTGCATGATTTACAGCTAAACCAGAGAGGAGTCTGCAATGCCGAGTGGAGGA  
AGGAGGAACCGGAGTGTGAGCAGTAGCTGGGTGGGCACCATGGCTGGGATCACCACCATC  
GAGGCAGGGAAGCGCAAGATCCAAGTTCTGCAGCACCAGGCAGATGATGCAGAAGAACGA  
GCTGAGCGCCTCCAGCGAGAAGTTGAGGGAGAAAGGCGGGGCCCGGGAACAGGCTGAGGC  
T  
GAAGTGGCCTCCTTGAACCGTAGGATCCACCTGGGTGAAGAAGAGCTGGACCGT



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&gt;SEQUENCE:4963:prostate\_MPM2000-004P1Novel007-2-Table1

GCGGTGGCGGCCGAGGTAAGTGCACGACGTGAATCATGACATTGGAGAAGACACTGACGTA  
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AGACAGTGCCAGCTCCCCTCCCTGGAAGTGTGCCGCCCCGAGAATTCTGAGCAAACCATG  
AAGCCAGCTTGGAAGAGGTGCTCCAGGAACAGAGATTGAGTAAGGCACCAAAGCAGGAA  
GCCATTCCACAGCACTGAGATGATATAAAGTGGGAAAAATATCTCTTGGGGACATCAA  
GGCTCGGCAGGCGGGCGGGGCGGACGGCTCCCCACACTTGGTTTTCCCATACGGATCAG  
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&gt;SEQUENCE:4964:prostate\_MPM2000-004P1Novel007-2-Table1

GGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACAAGGGCATGACAGG  
C

TGGGAGGTGGCTGGTGATCACATTTACACAGCTGCTGGAGCCTCAGACAATGACTTCATG  
ATTCTCACTCTGGTTGTGCCATGATTTATACCTCCGCAGTCGGTGATGGCAGACACAGAG  
AATTAAGAAGGGGGCCAGAATCACATTTGTCTTTGAGACCCTCTGTTCTGTGAAGTGTGA  
GCTCTACTTCATGGTGGGTGTGAATCTAGGACCAACACTCCTGTGGAGACGTGGAAAGG  
TTCCAAAGGCAAACAGTCTTATACCTACATCATTGAGGAGAACACTACCACGAGCTTCAC  
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&gt;SEQUENCE:4965:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCCGAGGTACAGAAGGTAGATTT  
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TTCTGAACAATTTTCAGATTTGGTGTTAAAGCACCTTCTGGCCAGGCGTGGTGGTTTATG  
CCTGTAATCCCATCACTTTGAGAGGCGGAGTCGGGTGGGGATTGCTTGAGGCCAGGAGTT  
CAAGACTACCCTAGGCAACATAGTGAGATGCTCGTCTCTATTAATAAAAAAAAAAAAAAGAA  
AAAAAAGGGGACCCAAGGCCATATCTGTTTCATTCTAGAACTCTCCACAGTGTCA  
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GAGGAGAATGGGATGGG

&gt;SEQUENCE:4966:prostate\_MPM2000-004P1Novel007-2-Table1

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCCGAGCTCACTGCCGCCCGCCCCCCCC  
G

CGTACGTCCAGGCACCGCCAGCCACTGTCTTCATGCAGGAACACAGTGCCAGATCCCCA  
CAGCTCGTCTCTTCATCTTGGTTTTGCCACAGAAAGAGCAAGTGACCTCGGCCGCTCTA  
GAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGAC  
CTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTT  
GGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCACA  
CAACATACGAGCCGGGAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTAACT  
CACATTAATTGCGT

&gt;SEQUENCE:4967:prostate\_MPM2000-004P1Novel007-2-Table1

TAAGGCGAATTGGAGCTCCACCGCGGTGGCGGCCCGCCCGGCAGGTACTATGCTTTACTA  
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GTTACAGCTTTAGTGGCATATTAATGGGGATTTAAATTTACAGTAAAAACAAAAACAAA  
ACCAAAACCAACCCTATTCCAATTATGACAAATCTATTTTTTTTTTAAACCTATCTTAGA  
TAGACCATCTCCCTACGATAAGATGGCAGAACAGAATGTCAGGAGGAGAGGTTTGGTCTG  
AAGAGGGTTATCTGTCCAGGAGACGCTTTATCCCCAAAGCAATGCGCTTCAGTTTGCTGT  
GCGCAGCAGAGCACCTGTTGGGGGGAGAAAAGTAGAGCACCTAGAAAGTCCATGAACAAA  
TTCCAGCAGCAAAAAAACTTCCTACCC

&gt;SEQUENCE:4968:prostate\_MPM2000-004P1Novel007-2-Table1

ATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCCGCCCGGGCAGGTACGCGGGGAGGC  
T

TGAAGTGTGGGGAGAACTTGGTCTCCTCTGTGCTATATGAAATATGGGAGACGACATACC  
GTTTGTGTGCAATGCACCCCGGCTGTGGACAGAGATTTACAAACGAGGACCACCTGTCAA  
ACTATTAACCCAGCCATGAGATGACATTGAAATTTGGCCCATACCGAACTGACTCACC  
ATCATTGGGGATCAAACCCCTACTCCAAGTAGATTCTGAAGAACTGTTAGGAGGCGGGA  
CTCTTCAATGAACTAACTAGCTCCTTTGAACATGAATTCAAGAAAGCTGCATATGAGGAT  
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TTTTTATTGCGC

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>SEQUENCE:4969:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAAAGGGCAGCCC  
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GGGCCGTGCCGACCGCTTTGGGCCATTCCATTCCAACAATGAGATTTACTGCAACCGCAT  
TCGAGTCTTTGACACCAGAACTGAGGCTTGGCTGGACTGTCCCCCGACTCCAGTGCTGCC  
TGAGGGGCGCCGGAGCCACTCGGCCTTTGGCTACATGGGGAGCTGTACATTCCTCATTAG  
ATTGTGGGTTTCAAGTTTCCATTTGCAATTTGAATGTTTCCAGAAATCTCTGTCTTAACC  
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>SEQUENCE:4970:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTGTAATCCTGAAGAAA  
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AACTGTGACCACCGTCACTGGTGAGCACTGCTGTTCCGGCCCCCAGCGGACTTAAAAGACT  
GGAATGTGGTAGTGGCGGTCGTTCTCGGTCAGCAGGGAGATCTCCGGCCAGTCCCTGAGA  
GGCTCCTCTGGGTAGCAGACTTCAAAGTCTCTGGAGTTAACTTGAACAGTCTGAACACT  
TTTATCTTTACTTCAAGGGAGTATCCAAGTATAAACATATCAATCTGCTCTAGTCCACAT  
GTGTCGCCTACAGAATTCAGGTGATTCATCATGAAGCTCAAAGGATCAGAGGATGTCTCC  
CTGGAAAACAGGAGTCTAAAAGACTGGGAATGACCTTTTTTAGTCT

>SEQUENCE:4971:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTAC  
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GACCTGCACCTCCGCCATCTTCGGCAGCCGCTTGAAAAAGCCCCGCGTACTTTTTTTTTT  
TTTTTTTTTTTTGAGCAGACACAGACACAGATGTTTATTCCAGGAAGAGGTCTAAGAAACG  
AGCTTCTTAGAGCATGTGTCACGGGGCAGCCAGTCTGGGGCTCTCAGAGCCAGCCCCCT  
CCCTTCAGCAGCTGAAGCAATAGCGCCCCCATTTTACAGGCGGAGCATGGAAGCCAGAAA  
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GAATACGCTGTGCGCCTTAAAGCCCTGGTAAATGTTACCCTTTTTTG

>SEQUENCE:4972:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTCATATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTT  
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>SEQUENCE:4973:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGG  
A  
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AACCTAGGAAATAACTCGGAACCTGTAACGTCCCACTGGTTTGGACATATTCCTCTCCTG  
ATCTGGCCTCATCTGTTCCAGGGAGGTGGGATTGAAACATATGCAGTAATGTCACCTCAA  
AAGAGAGTTAAGAACGTCCAGGCACAAAACAGGACTTCACAAGGTAGTAGTAGTTTTAG  
ACCACGCTTTCAGCCTGGAAAGTAAAACAGGATCCAAGCAACTCGAAGAACATCTCAAAA  
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>SEQUENCE:4974:prostate\_MPM2000-004P1Novel007-2-Table1

GGAGCTCCACCGCGGTGGCGGCCGAGGTACAAACTAGTGGGGAAGGTTTTTTTAAAAAGT  
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TGCTCTGTTGCCAGGCTGGAGTGCAGGGGCCATCTCAGCTAACTGCAACTTCCACTTCC  
CAGGTTCAAGCGATTCTCCTGCCTTAGCCTCCCAAGTAGCTGGGACTACAGGCGCATGCC  
AGCATGCCTGGCTAATTTTTGTATTTTAGTAGAGCGGGGGTTTTGCCATGTTGGCCAGG  
CTGGTCTTGAACCTCCTGACCTCAGGTGATCCGCCTGCCCTGGCCTCCCAAAGTGTTGGGA  
TTACAGGCATGAGCCACTGCGCCAGCCTTGTAATTTACCTTTGATGGTGACCTGAAATG  
CAGTATGATCCTATATGTGGCACGTAGTAATGTTCAAGTGTGCTGAATTAATTCTGGGC  
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AACCTGCAGCTTTTTGGTCCAGGTAATGACATTTGCTGCCATTTTGATGAT

>SEQUENCE:4975:prostate\_MPM2000-004P1Novel007-2-Table1

TAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAAGGCCAAGAACAGGGAG  
A

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CAGGGCAGCTGGTGGCCCTGAAGAAGATCAGACTGGATTTGGAGATGGAGGGGGTCCCAA  
GCACTGCCATCAGGGAGATCTCGCTGCTCAAGGAACTGAAGCACCCCAACATCGTCCGAC  
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ACCTGAAGAAGTACTACTCGATTGTCAACGTCAAGGAGTCGCAGGTGCGCTGGTTCTAGG  
AATAATGGGGGAAGTATGTAGGAGTTGAAGATTAGTCCGCCGTAGTCGGTGTACCTGCCC  
GGGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTAT  
CGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGT  
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>SEQUENCE:4976:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGGGTTGCCCTGGCTTGGCACT  
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CAGGACGTGTCTCGTTTTATCTTTCCATTTCAAGTGCTGGGGGCATGTGGCTCGGTCAAT  
TTTGGGACCATCTGTGGAACCAACCATGTGTGATCAGACACCCAACACACCCGAGGCACAG  
TGGTGCAGAGGAGCGTCTAATCTTTCCAGGGCAGGGGTGGAGGGATTAAAGGTCAGGGTG  
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TGAAGTTGAGCTGGCTGCCCGGGGGCCGCGGCCGCTCTAGAACTAGTGGATCCCCCGGG  
C

TGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCC  
AGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTG  
TTTCCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAACCGGGAGCATA  
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>SEQUENCE:4977:prostate\_MPM2000-004P1Novel007-2-Table1

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CCTCGCCCTGTCCCTGCTCGTGTGCCTGGGTGCGCTGGCCGAGGCGACTTTNTTTTTTTT  
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CCCAGACAAACCTGACATGACTGAACTACTTCATGTGTTACTTTCCCAAAAATAAAGTTA  
AAAAAAAAGGAACTCATGATAAATGCAGATCTCTAATACAGTATCTAACACAAAAGAAG  
CTTTAAAAAGACAGTTTCTTTCCTTATTTGATTAGCTAGAAGTTTATCTAGGTAAAAGCA  
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>SEQUENCE:4978:prostate\_MPM2000-004P1Novel007-2-Table1

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GCACCCTCTCCTTCTACATTTAATCATTAGTAGTCTCTAAAATGGTAAAATAAAACTGAA  
TTTATATTAGCAAATGAAAGTGCAAGTTTGTACGCGGGGGGTGGCCTTTGGGGCCGAAGT  
GGGCGTGCGGCTCGCGCTGTTGCGGGCCTTCTGTTGACGGAGCTGCTCCCCCGTTCCA  
GAGACTCATCCAGCCGGAGGAGATGTGGCTCTACCGGAACCCCTACGTGGAGGCGGAGTA  
TTTCCCCACCAAGCCGATGTTTGTTATTGCATTTCTCTCTCCACTGTCTCTGATCTTCCT  
GGCCAAATTTCTCAAGAAGGCAGACACAAGAGACAGCAGACAAGCCTGCCTGGCTGCCAG  
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>SEQUENCE:4979:prostate\_MPM2000-004P1Novel007-2-Table1

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CCTCCTTTGGGGGTGGCTCCAGGAAAATTGGGGTGAAGGAGGTGGCTTCTTCACTGAGT  
AGGGGGAAGCCGGGACCCCCACCACCAGGAAGTGGTTCTTCTTCCGAAACAATCTCCACA  
GGCCCCGATGGTTGCCACGCACATCCAGGTCCAGATATGGAGGCACTTGGCAAGCTGGG  
TCCAGGTGGTGAAGTCATCATCTTTCTCCATTCTGAATAAAGGCCACGTAGGTGTGGCCCT  
CTGTGTCTGGCAGGAAAGAGTCTTCAACAAGGGTCTTGCTGTGGTCCAGAACCTCAGCCT  
CACTGAGCAGCCTGTAAACTTTCACTTCATCCCGCGTACCTCGGCCGCTCTAGAACTAGT  
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GGGCCCCGGTACCCAGCTTTTGTTCCTTTAATGAGGGTTAATTGCGCGCTTGGCGTAATC  
ATGGTCATAGCTGTTTCCTGTG  
>SEQUENCE:4980:prostate\_MPM2000-004P1Novel007-2-Table1  
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GCGGTGTGTGTGTGCTGGGTAGGATGGGCGGGGGTTGTGTTGATGGGATTAGTAGTATGG  
GAGTGAGAGGCTAAACTCCCGCCCCAACAGACTTTTGACAAAAAAGTGCCCTTCCCGTCG  
AAACTTGCCCTTTGACCGGCCAATATGGTGCAGAGAGAAATAAGCCCCCTCTGCTCTCTG  
GCCTAAGTTAACTCAAACTGAAAATGGGGCGGTCCAAACCCCTGAAGCTAAAGTTGCC  
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>SEQUENCE:4981:prostate\_MPM2000-004P1Novel007-2-Table1  
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GCAGCATGAATGGGAACCAGACACAGCTGGAAAGCAATCGGGTAACAGAGCGCCAACCCCT  
GTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCT  
TATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAG  
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>SEQUENCE:4982:prostate\_MPM2000-004P1Novel007-2-Table1  
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AGGAGTCCTTAACTGTAGCTAAGCTTCCACTCTTAAGTATCAATTAAGCTTCTCTGTTCA  
GTCCAGCGTTTAGGGCGCCTACTGCGCGCCCCGCCCCACACACTTTTGACAAAAAGGTGCG  
CCTGCTCTGTGTGACTTGCCCTTTGCGCGGCCAGTATGGGGCAGAGGGAAATAAGCCCCC  
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CTGAGGTTGCCTCTCCTCTTCGAGCACGCCCTATC  
>SEQUENCE:4983:prostate\_MPM2000-004P1Novel007-2-Table1  
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TCTGTGGACACTGTGGAAAGCTTTGAACAATTGTGTTTTCGTCACAAGGAGTCTTTGTAA  
TGCTTGGACCTCGGCCGCTCTAAACTAGTGGATCCCCCGGGCTG  
>SEQUENCE:4984:prostate\_MPM2000-004P1Novel007-2-Table1  
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CGGCGTGCGCGGGTCTGTGTGGTGTGCGGTGGGCGAGCAGGAGCTGCGCAAGTGTAACCA  
G  
TGGAGTGGCTTGAGCGAAGGCAGCGTGACCTGCTCCTCGGCCTCCACCACAGAGGACTGC  
ATCGCCCTGGTGCTGAAAGGAGAAGCTGATGCCATGACTTTGTCTGACTACAATATTCAA  
AAGGAGTCTACTCTTCATCTTGTGTTGAGACTTCGTGGTGGTGCTAAGAAAAGGAAGAAG  
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>SEQUENCE:4985:prostate\_MPM2000-004P1Novel007-2-Table1  
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AGGCAGCTGTGCACATGTTCTAGAGCAGCTTACTTGACAGCTGGCAGAAACCAGGGTTGA  
CACAAAAGACCCCGTCCTCTAAATATCGTGGATCTGTTCTTTCTGCTGATTGCTGCTTCT  
CACTACAGTGACACAAACACAGAGGCAAGCCGCCATTGTTGCACATACCCATACCATGAT  
TGCAAGCCCCTTTATCTTTGGCTGAAGTTATTTTCAGAGGATTTAAAGAGCTGACACCGT  
CACCTCCTCATCCACTTTATGTTTTCTTTCCCTTTTTGGGAGCCAGTCATTAAAGAC  
TAGCATATTCAAAGCAACTGCCTATA  
>SEQUENCE:4986:prostate\_MPM2000-004P1Novel007-2-Table1  
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TCGGTGGTGGCTCTGGTCCCCAAAC

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TACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACGCGGGG  
GAGTCAACCGGATCGGTGACTGTGGAGGGCGAGCTGAGCCCTGGCCGCCGCCACAATGGG  
CCGCGAGTTTGGGAATCTGACGCGGATGCGGCATGTGATCAGCTACAGCTTGTACCGTTC  
GAGCAGCGCGCCTATACGCACGTCTTCACTAAAGGAATCCCCAATGTTCTGCGCCGCATT  
CGGGAGTCTTTTCTTTTCGCGAGGTGCCCCAGTTTGTCTGTGTTTTATCTTATCTACACATG  
GGGGAAGAGCTTGAGAGATCCAAGAGGAAGAATTCCGCTGGCTTATGAAAATGACA

&gt;SEQUENCE:4988:prostate\_MPM2000-004P1Novel007-2-Table1

TACACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACG  
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CGGCGACATGAAACTGCTTACCCACAATCTGCTGAGCTCGCATGTGCGGGGGGTGGGGTC  
CCGTGGCTTCCCCCTGCGCCCCCAGGCCACCGAGGTCCCGTATTTGCCTTGTGGAATTCA  
ACCCCAACTTCGTGGCGCGTATGATACCTAAAGTGAGTGGTCGGCGTTTCTGGAGGCGG  
CCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATAC  
CGACGACCTCGAGGGGGGGGCCCGGGACCCAGCTTATGTTCCCTTTAGTGAGGGTTAATTG  
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&gt;SEQUENCE:4989:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGTACGCGGGCGGCCTC  
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CCAACCGGAGAAAGTCGGGGGAAGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGC  
TGCAGGAATTCGATATCAAGCTTATCGAATCCGTCGACCTCGAGGGGGGGGCCCGGTACCC  
AGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTG  
TTTCCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAGCCGGGAGCATA  
AAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTAACTCACATTAATTGCGTTGCGCTCA  
CTGCCCGCTTCCAGTCGGGAAACCTGTCGTGCCAGCTGCATTAATGAATCGGCCAACGC  
GCG

&gt;SEQUENCE:4990:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTTTTTT  
TTTTTTTTTGGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTAAAGGAGTTAGCATTTAA  
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TTTCTCCTCAG

&gt;SEQUENCE:4991:prostate\_MPM2000-004P1Novel007-2-Table1

AGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGGAGGAGAGGCAGGAGGCGACGGTC  
CTGACATCTCACACATTGCCCGACTCGCTGGTGTATGGAGCCGACTGGTCCTGGCTGCTCTT  
CCGTTCTCTGCAGCGGGCCCCCTCGTGGTCCTTTCTAGCAACCTAGGAACCAAGACGGC  
AGACCTGAAGGGTGCAAGCGAGTTGCCAACACCCTGTCATGAATGCAGAGAGGATAACGA  
TGGGGAGGGCCATGCCAGACCCAGAGTGGAATGAAGCCACTCACAGAGGGCATGAGGAA  
GAATGGCACCTGGCTGCAGGCTACAGCAGCCACCACACGTGACTGTGGCGTGAACCCAGA  
AGAAGCAGACTCAGCCTTCAGCCTCCTGGCCACCTGCTCCTTCTATGACCATGCGCTCCA  
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&gt;SEQUENCE:4992:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACGCGG  
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AGTGGCTGGACTGAAAGAAGCTCCAAAGCACTTCCCAAAGCCAAACTTGCTCCAAAAAAT  
GGTCATGGTCATTGTTTGGTGGTTTGTGTCAGTCTGATCCACTACAGCTTTCTGAATCC  
AGGTGAAACCATTACATCTGATAAGTATGCTCAGCAAATCAATGAGATGCACCAAAAAT  
GCAATGCCTGCAGCCGGCATTGGCCACCAGAAAGGGCCCAATTCTTTTACGACAACACT  
GGGCCGCACGTTGCACAACCAACGCTTCGAAAATTGAACTAATTGGGCTATGAAGTTTGT  
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AGCAACGTTT

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&gt;SEQUENCE:4993:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGGACAC  
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TGGGAGGCCTAGGTGGGCGGATCACGAGGTCAGGAGATCGATACCTTCCTGGCTAACAAG  
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&gt;SEQUENCE:4994:prostate\_MPM2000-004P1Novel007-2-Table1

TGGAGCTCCACCGCGGCGGCCGAGGTACGCGGGATGCCAACTCTAATAAAATGGAG  
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ACGCCTGCATGTAGACCAGACACAGGGCGTATGGAAAGCACGTCCTCAAGACTGTAGTAT  
TCCAAATGAACTGGCAAATTCTTACCTACCACGGCCGCTCTAGAACTAGTGGATCCCCCG  
GGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTA  
CCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAG  
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&gt;SEQUENCE:4995:prostate\_MPM2000-004P1Novel007-2-Table1

TACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACGC  
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AGGAAGCTTAAGTAAGACATAAATTTGTAATGAACTGGGCCCCACATCCGCCGCCACTGT  
GACTTGCAGTCATCATCCATTACCACAAAATTAGTTGCAGGATGGCTACTCGTATCCCTC  
CACACATGATCATCAGTATTTGCCTCCTGTGTCCCAACCGGCCTGAGTCAAATTCCCCTC  
CTGTCACCCAAGCTGGAGTGCAGTGATGTAATCTGGGCTCACTGCAACCTTCACTTCCCA  
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C  
CACCTCACTACTTTCCTTTTGCAAGGGGCCACCGGGGGGGGGCCACTTAACCATCCGCCTTG  
CCCTGGGTGGCTGCACCAATCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAA  
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AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTCTGATAGCTCATCACTTT  
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ATTCTTCTAGAAGACAGAGATCTACTGGGGTAGTCCGGGACTGACTGCAAAGAGCCTCAG  
GTAAAGCAGAGGCCATTGGCCGGCCTAAGGTTGGCAGTCAAAGAGGCTGCGGAAGGTTGA  
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CTCCACCGCGGTGGCGGCCGAGGTACCTGGCTTTTTAGACTCTACATAGGAATTCCACCA  
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TCAACAGTGTTCAAGCTTAGCTTTGTTACAGAAAATGAGGTAGGGTGCGGTGGCTCACAT



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CTGTAATTTTAAACAGTTGGGAGGCCATGCAGGCGCATCAGCTGAGGTCAAGAGTTTGAG  
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ATGGTGGCACACGCCCGTTATCCCAGCTACTCAGGAGGCTGAGGCACTAGAATCACCTGA  
ACCCAGGAGGCGGAGGCTGCAGTGAGCTGAGATCACGCCACTGCATTCCAGGGGGGAAAAA  
>SEQUENCE:5000:prostate\_MPM2000-004P1Novel007-2-Table1  
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AAGAAGAAAATAAGAAGATCAAAGAGAAATACATTGATCAGGAAGAACTAAACAAGACC  
AAGCCTATTTGGACCAGAAACCCTGATGACATCACCCAAGAGGAGTATGGAGAATTCTAC  
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AACAAAAAAAAAAAAAAAAAAAAA  
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GCTGATCTAGGAATGAAATCTTCGTGGTCTTCAATCCTAGATCTACTATGCCAGTTTCTC  
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TTTAGGAACCAACTCTCTCTGGA  
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GCCCGGGAGGGCAAAGGAAAATTGGAGGCCCTTCTTCCCATGAGCCATTTTCTCTGCAT  
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>SEQUENCE:5003:prostate\_MPM2000-004P1Novel007-2-Table1  
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GCCCTTCTTGCTGAACGACTGGAAAGAGCACAAGGAGCACTTTTTCTTCTCCACTGCCCG  
CCTGAGTTCCTCGCTCAGCTGAGGGGAAGTCGTCCTTGGGCGGGGATGGGATGATCAACT  
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ATGTCGTGGCGCTTCTGGTAGTGGGCTGCCAGACCTTTGCGGATGGGGTTGGTGTAGGCA  
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AGGTCCCGGCCAGACTGTTCTGTCCTCCTGCATCGAGGCGGCCAGCGGGAGCCCGTCCGC  
C  
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CCCAGTTACCGGAGATCCAGCTGCTTGCCTCCCCGCGTACCTCGGCCGCTCTAGAACTAG  
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>SEQUENCE:5005:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:5006:prostate\_MPM2000-004P1Novel007-2-Table1

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CTGGGAGTTTTTCCTTCAGCCAGG

>SEQUENCE:5007:prostate\_MPM2000-004P1Novel007-2-Table1

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TACACAGTTATATACATGGGCAGTTAAATTTAACATTATTGATAATTAGTTTTAAAAAA  
AAATACTGGCCAGGCACGGTGGCTCACACCTGTAATACCAGCACTTTGGGAGGCCGAGGC  
GGTTGGATCACGAGGTCTGAGGCGGGCAGATCACGAGATCAGGAGATCGAGACCATCCTG  
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>SEQUENCE:5008:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTCCTCGTTTCGA  
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CTGCTTCTTGGTATCGACATCGTCATTCTTATTAATCTTAAGCTTGCCCGCTTGCCCGTA  
GCTGACTCAGCTTCCTCATCTTCATCTCCATCCTCTTCCTCACCATCACCTTCTTCTTCC  
TCCTCCTCTTCCTCCCCACCTTCTTCCTCTTCTTCTGCTACCTCATTGTCAGCCTCCTGC  
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>SEQUENCE:5009:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTGTTATCAATATAAA  
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CTGCTTTTATCTTGATGAATTCATCTGGCATTGCTTTGCCTTATCATCTCATCTGGAGT  
TTTTAAATGCCATTTGTTTCAGTTGTCTTTACCACCTTAATTAATTAGACTTTTGCCAT  
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TCNATATTTCTG

>SEQUENCE:5010:prostate\_MPM2000-004P1Novel007-2-Table1

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGGGAGAAGGGGGCG  
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CGGCCCTTCTGTTACCCGCCACACACGTCGCCGCTGGGGACTGGGAAATCAGGGCATCGG  
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>SEQUENCE:5011:prostate\_MPM2000-004P1Novel007-2-Table1

GACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACCACT  
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CAGGCATGAGTCACCTTGCCAGGNCCTACTTTTTGCCTTTTTATAAGAATGAAGCCAAGT  
GTGGTGGCTAAGGCTACACAGAGACTTGAGAGTCTGAGGTGGGAGGATCACTTGGTGCCA  
GGGGTTTGAGAGCAGCCTGGGCAACATAAGCAACACCTCATCTGTAGAAAAAAGTTTAC  
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>SEQUENCE:5012:prostate\_MPM2000-004P1Novel007-2-Table1

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CACTGGAGCGCTCGGCCCTGCCGCACTGGATGCCAGCAGTTACTAAAAGTGAGCCTGGC  
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ACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTA  
TCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCCTTTAGTGAGGG  
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TGAGTGAGCTAACTCACATTAATTGCG

&gt;SEQUENCE:5013:prostate\_MPM2000-004P1Novel007-2-Table1

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TCCAAAACCTTGTAATGGGAGTCACTGCTTGCAGAGCGGTCTGATTCAACTTGATCGCGAC  
TGCCTCAGGGTTGTCGGTCAGGTAGATCTGTCTGGAGATGTTGTTTATTGCACATATCCA  
CTCTTCATTTTCTTTCTGCTCTCAACCTGGAGGATTATTCCCGATTTTCCATTGGGCGT  
GGTGATCTGGAAGCAGTAGCGCCGGTCTTCGCAATCCACGGCCATCACTGATCAGTTGTC  
CAGGTCCCGGATCAAACCTCCAGCCACGGCTCCCCTGGGCTGACACATGAGATTCCCGCC  
CTGGGTGAAGAAATAAAGCCTCTCCCAGGTGGTGGTGACCAGCCCTGTTTTGTTTCTAAG  
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&gt;SEQUENCE:5014:prostate\_MPM2000-004P1Novel007-2-Table1

CTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGATGAAC  
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CTGTCTTTACTAAACAGCCAGGATGGAGGAATCCTGACAAGAGCTGCTGGTGTCTGAGC  
CGGACCCTTTCTTCTCTCTGAAAATTGTTGAGGAGGCCTTGCGAGCAGGAGTGGTAAAG  
AAAATGATGAAATTCCTGAAGACAGGAGGTGAGACTGCATCACGTTATGCTATAAAGATA  
CTAGCTATCTGCACGAATAGTTATCATGAAGCTCGGGAAGAAGTAATAAGACTGGATAAA  
AAGTTGAGCGTTATGATGAAGCTGCTCAGCTCGGAGGATGAGGTTCTGGTGGGCAACGCT  
GCCCTCTGCCTTGGTAACTGCATGGAGGTGCCCAACGTTGCGTCTTCCCTGCTAAAGACG  
GACCTTTTGTAGGTCTTGTTAAAGCTTGACAGGCAGTGACACACAGAAGACGGCCGCTCTA  
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&gt;SEQUENCE:5015:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACTTTTTT  
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AGTATGATCTTGGCTCACTGCAACTTCTACCTCCAGGGTTCAAGTGATTCTCCTGTCTCA  
GCCTCCTGAGTAGCTGAGACTACAGGCACATACCACCACACCCAGCTAATTTTTGTATTT  
TTAATAGAGACGGGGTTTCACTATGTTGGCCAGGCTGGTCTCAAATGCCTGACCTTGAGT  
GATCCACCCGCCTCGGCCTCCCAAAGAGCTGGGATTACAGGTGTGAGCCACCAGGCCCGG  
CCTCCTAGATTAATTCTTGACATTTTTGGATCAAGTAAGAACCACTGGAGCCTTTCCTG  
GAAAAAAGAACACATACTCAGTCTCACACACAATTTCTGGGGGCTCACAGACCCTCTTGA  
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&gt;SEQUENCE:5016:prostate\_MPM2000-004P1Novel007-2-Table1

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G  
CGGGTGGAATTGGGAAGGGATGAAGGAGGCTGTGCCTCCGGGTTGCACGAAGAGTCCGA  
G  
TCATTTCTCAGAAGGTTTTGATAGGTGGGCCTTAGAGGAGACGCCGCCGAGCACCGCAAG  
AACTGGAAAACACACCCCTCTCTGTCTGCCTGGGAGAGCCACGGAAATTGGCACTTCTCT  
GAGTGAAGCTGAGGAGAAGGCTGTAAATCTGCCAAAACAGCCTTGAAGTATTCTTTTGTCT  
ATGAGGAAGTGACGGCTGCTGGAGGGAGGTGAACACCACAAGGAGAGATGGCATCTGGCC  
TGGGCCCGCCTAGCAGCAGCTCCACCTCCTAAGCCAGGCCCTGTGGGATGCGCCACTAG  
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&gt;SEQUENCE:5017:prostate\_MPM2000-004P1Novel007-2-Table1

CGAATTGGATTTCCACCGCGGTGGCGGCCGCCGGGCAGGTACGCGGGATCTTTGGTGGC  
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GTGCAAATGCATCTGTCCACCTTATAGAAACATCAATGGGCACATTTACAACCAGAATGT  
ATCCCAGAAGGACTGCAACTGTCTTACATTGGTGGAGCCCATGCCAATGCCTGGCCATG  
ACGTGGAGGCCTACTGCCTGCTGTGCGAGTGCAAGAACCTCCGGTCCGTCTAAACTAGT  
GGATCCCCCGGGCTGCAAGAATTCGATATCAACCTTATAGATACCGTCGACCTTGAGGGG  
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&gt;SEQUENCE:5018:prostate\_MPM2000-004P1Novel007-2-Table1

TACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACCT  
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GAGCTGTTCTATTCCGGCCATCTTGCCAGCCTCCTGGCTGAAGGTTTTTCTACATTTCTT



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ACATTTATATGTTTTTATCCAGGGGGACATCTCTGATTAACAGTAGGGGATTGGTGATA  
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ATGACAAATTAAGGATAACTTTCTTCTGAACGCCTTCCCACATTCAAACACTGATAGGG  
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>SEQUENCE:5019:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCCGGGCAGGTACTTTTTT  
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GAGCTCTAGAGCCTAATGGTTAAAACCGTGGCCTCTGGAATATGACTACCTTGGACTTGA  
ATGCTCACTCTGCCATTTATTAAGTGCATGACCTTTGAAAAATAACTTTTTTATCCTTCG  
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TTTTTAA

>SEQUENCE:5020:prostate\_MPM2000-004P1Novel007-2-Table1

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GGGATGCGTGCATTTATCAGATCAAACCAACCCGGTCAGCCCTCTCCGGCCCCCGGGCG  
CTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAAATCGATTTCAAGCTTATCGATACCGT  
CGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGC  
GCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTC  
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>SEQUENCE:5021:prostate\_MPM2000-004P1Novel007-2-Table1

ATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCCGGGCAGGTAC  
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CTCAGGAGGCTGAGGCAGGAGAATGGCGTGAACCCAGGAAGCAGAGCTTGCAGTGAGCTG  
AGATCATGCCACCGCACTCCAGCCTGGGCAATACAGCGAGACTGCCCATCCACAGATGAA  
GGGATAAAGTAACTGTGGTGGACATACACAAAGAGAATAGTCTTCAGCCAGAAAATCAGA  
ATGAAATTTTCATCCTTTGGAGCCATACTGTTGAACCTGGAGGACAGCATGGTAAATGACC  
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GGATCCCCCGGGCTGCAGGAATTCGAT

>SEQUENCE:5022:prostate\_MPM2000-004P1Novel007-2-Table1

GCGTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCCGGGCA  
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CCTCCCAAATAATCCCTCCCAACACAAAGAAACAAACAAAAAGAGCTAGGCAATGGAAT  
GAAATGACACCCAGTAGTGCTGTAGGAATTATGAGAATGAATCCAGTCAGTCTAATCCTC  
GAACACTTCCAAGAACAAAGGGGGGAAGAGTTCTGTGGGGCATTCCACCTTCATGTGCAG  
GAAGCGGCTGGCATGGCAGGCTCCTATCATCCGAGATCTGTCACCTTCATCAGGAGTTT  
TGGCCAAAAGTGTGTACGTGGTGTTCGGTAATTGATATAGTGTTCAAAGGCCAGCAG  
GAACTATCTTGGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATT  
CGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGT  
CCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGT  
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>SEQUENCE:5023:prostate\_MPM2000-004P1Novel007-2-Table1

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CCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCG  
GTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCA  
TAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAGCCGGG  
AGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTAACTCACATTAATTGCGTTG  
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>SEQUENCE:5024:prostate\_MPM2000-004P1Novel007-2-Table1

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CTGGAAGGCGTGAGCCACTTCATCGCGGTGCGAAATAGAAGCCCAGAGAGAGGTAGGTGTA  
GGAGGCCTGCAGGTACGCGGGTATATTCAGGTGAATGAGCCCTGGAAGCGGATTAAAGGC  
AGTGAGGCTGACAGGCAACGGGCAGGAACAGTGAAGTGGCTTGGCAGTGAATATAGCTGCC  
TTGCTCTCTGTCATGCTTCAGCCTTACATGCCCACGGTTAGTGCCACAATCCAGGCCAG  
CTGCAGCTCCCACCTCCAGCCTGCAGTATCCTGCTGACAACTTCCTGTGTACCTCGGCC  
GCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCG  
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CGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATT  
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CCAACCTCACATTAATTGCGTTGCGC

>SEQUENCE:5025:prostate\_MPM2000-004P1Novel007-2-Table1

ATTGGAGTTCACCGCGGTGGCGGCCGAGGTACGCGGGGAGTCAGTGTGAGCCCGAATG  
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ACCAAGGAGGAGCAGGGGAGCGACGGCCGATCTAGAACTAGTGGATCCCCCGGGCTGCA  
G

GAATTCGATATGAAGGCTTTTTTTAAACCCGGCCACCTCGAAGGGGGGGCCCGGTTCCCC  
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>SEQUENCE:5026:prostate\_MPM2000-004P1Novel007-2-Table1

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CACGAACTGAGGGGGACTGCATGTCCACAGCTCTCCAGGAGCTGCCAAAGGCAACGGGCC  
CGCCCTGCCCTGCAACAGGCCCTCCAGGGGGCCAAAACATTGGCTCCCCTTAAGGAAGG  
GTAACGCGTGCTTGTAACAAGGGCCCAGACACACATAGAGGAGAGGCAGCATCATCAT  
GTGCAGCTTTGCTACAAGAAAGATAGTTCTTAATTTCCCCGCGTACCTGGGCGCTCTAA  
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>SEQUENCE:5027:prostate\_MPM2000-004P1Novel007-2-Table1

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TGTGAAGTAGGCCTTATTTCTCTTGTCTTTCTGACTTGTCTAGCTCCTCTCGGTTCTTC  
CGAGCCAGCTCGGTCTAATTGGGCCCGGATGTCTGCCATGATCTTGGCGAGGTCTGAGA  
TTTGGGGGCATTTACCTCCACGGTCAACCCAGAGCTGGCAATCTGGGCTTGGAGGCCTTT  
TACTTCCTCTTCGTGGTTCTTCTTCATGAAGAGCAGCTCCTCCTTGAGAGCCTCGATCTC  
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>SEQUENCE:5028:prostate\_MPM2000-004P1Novel007-2-Table1

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GTCACCTGAGGGGGGGCCCGGCCAGCTTTGTTCTTAGTGAGGGTGAATTGCGCGCTTGG  
CGTAATCATGGTCATAGCTGTTCACTGTGTGAAATTGTTATCCGCTCACAATTCCACACA  
ACATACGAGCCGGGAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTAACTCA  
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GTTAATGA

>SEQUENCE:5029:prostate\_MPM2000-004P1Novel007-2-Table1

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CAGCAGGTAATTCCAAGAATCATGTTGCTTTTTTCACTATGCAGACACCTCATTTTATCA  
TCCCACACTGTTAAATCACCACATGAGGAGCCAGTGACAAAGAAGCTTCCATTAGGAGAA  
AATGCACATGCCGCCAAGGAGCCATCTTTAACACTACCACATCTATATAATTTGTATGAC  
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>SEQUENCE:5030:prostate\_MPM2000-004P1Novel007-2-Table1

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GGGCGCCCGGGCAGGTACTTTAGTTACTTCTTGCACTTTTCCCCTGGTGGAGAAAGCCTT  
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>SEQUENCE:5031:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTTTTTTT  
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TACAGGCGCACACCATGACGGGCGCTTCTTAACCTTTTTTGGTACCCCCGGGCTGAAGGA  
ATTCCATATCAAGCTTATCGATACCGGTAACCTCAAGGGGGGGGCCCGGTACCCAGCTTTT  
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>SEQUENCE:5032:prostate\_MPM2000-004P1Novel007-2-Table1

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ACCCACTCTGAGTTACAGCTTTAGTGGCATATTAATGGGGATTAAATTTACAGTAAAAA  
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GTTTGGTCTGAAGAGGGTTATCTGTCCAGGAGACGCTTTATCCCCAAAGCAATGCGCTTC  
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>SEQUENCE:5033:prostate\_MPM2000-004P1Novel007-2-Table1

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G  
GCTGCAGGAATTCGATATTAAGCCTTATCGATACCCGGCGAACCCTCGAGGGGGGGGCGC  
CGGTACCCAGCTTTTTTGGTTCCCTTTAGCTGAGGGTTAATATGGCGCGCTCTGCGCGTA  
NNATCATGTGTGAGTATGCTGTTTTCCCTGTGGGTGAAATTGGGTTATCCGCGTTTACGCA  
ATTCCACGACAATCATATCGATGCCGTGGAGCCCATAAAGTGTAACGCCTGGGTNGGTT  
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GCTTTTCCAG

>SEQUENCE:5034:prostate\_MPM2000-004P1Novel007-2-Table1

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TTCTCAATTTGCTGAATCTTTATCTTGCTCAAATACTGTATGGCTTCATCCAAAAGGAAG  
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>SEQUENCE:5035:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:5036:prostate\_MPM2000-004P1Novel007-2-Table1

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ACCGCCTCCTTTTTCTTTAATCTTATTTTTGATGAACACATATATAGGAGAACATCTAT  
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>SEQUENCE:5037:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:5038:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:5039:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:5040:prostate\_MPM2000-004P1Novel007-2-Table1  
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CAGTGCCTCCAAAATTAACCCCGCTCATGGCTCCGGACTCTGGTGGCGGCAGCTACTCTG  
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CACCTTCTTTGGACCTTGAT  
>SEQUENCE:5041:prostate\_MPM2000-004P1Novel007-2-Table1  
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AACACACAAATACAATAAATAAAACAAATGTAGGCTACAAATTTTAAACCAGACCTCTTT  
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>SEQUENCE:5042:prostate\_MPM2000-004P1Novel007-2-Table1  
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GGGCCTCAGAAAGGCGCACGGCCAGCGCGCTTTTTGCGGGGTTCCGGGCCTTGGGACTTT  
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CAACCTGCGTGGGCAAGAGTTTCCACACCTATGACGTTTCAAGAACTTAGTCTGGTTGCAG  
TAAGTAATTCTGTTCCACAGGATATCTGCTGTATGGCAGCTGATGGCAGATTAGTCTTTG  
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CGACCTCGAGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAAATTGCG  
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>SEQUENCE:5043:prostate\_MPM2000-004P1Novel007-2-Table1

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ATATAAAAAATTAGCCAGGCATGGTGGCGGGCGCCTGTAGTCCCAGCTACTCGGGAGGCT  
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AAAAACCAAATTACCCAGTCTCAGGTATTTCTTTATAGCAATCCAAGAACGGCCTAATAC  
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TAATGCCCACTAAATTTTGAATAGCAAAATATAGCATAGAAGTATAAAACAAATGTATTT  
CTTATCCCTACAAAAAAGGGGCATCTTTTTGGTTTTGATATTGCTGTTTGTATAAAACT  
ATGGTGTGTGCATGTGGGTGTATGTGTATTCTTATAGAAAACCTTGAAAAATACAGAAGT  
AACTTAGAAAGAATTACCTTTCCCTA

>SEQUENCE:5045:prostate\_MPM2000-004P1Novel007-2-Table1

CGCGCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGG  
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CGCTGTAGTCCATGTTTCATGCCAAAAATGGCTGGGAACGTTTGCTTTATTTACATTCACT  
CAGCGTTGCTTTCAGATCACACTTTATCCACACAGGAAAGCCAGTCAGCCTATAATGAAG  
TAGTTATTAATAAATAATGTAATGAATATGTCTACAAAGTATAGTTTAGTGGTTTATTTTG  
CTAAAATGCACATATATTTGATATAATTTAGTTTGAGAAGTTCAGCTAGTTTTTCTCCTT  
TGTTTGACTTTGTCAATTTCTATCTGGTTTTTAAGGGTCTGAGCTTAGCTTGTGCATGCA  
AGGTTTTGGGTTTTTTTTATTTTTTTTTGAGCACAGCTTTTCACCTTTTAATTTGTTGGGT  
ATTTTTCTCTTAATAAGAGAAATATTGGCCATCGATTTTTACATATAATACAAGTGTGTT  
TTCCAGTA

>SEQUENCE:5046:prostate\_MPM2000-004P1Novel007-2-Table1

TTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACAGGGACGTGATGTTGGAGAA  
C  
TACAGGAACCTCGGCTTCCTGGCAGGACTCTGTCTTCCTGACCTGAATATTATCTCCATG  
TTGGAGCAAGGGAAAGAGCCCTGGACTGTGGTGAGCCAAGTGAAAATAGCGAGGAACCCA  
AACTGTGGGGAATGCATGAAAGGCGTGATCACCGGTATCTCTCCTAAATGTGTGATCAAG  
GAATTACCACCAATACAGAACAGTAACACAGGAGAAAAATTCCAAGCAGTGATGTTGGAA  
GGACATGAAAGCTATGACACTGAAAATTTTTACTTCAGGGAAATCCGGAAAAATCTACAG  
GAAGTTGACTTTCAATGGAAAGATGGTGAAATAAATTATAAAGAAGGGCCGATGACCCAT  
AAAAACAATCTTACTGGTCAAAGAGTTCGACATAGTCAAGGGGACGTAGAAAACAAGCAT  
ATGGAAAATCAGCTTATATTAAGGTTTCAGTCCGGTCTGGGTGAAATTGCAAAAATTTCA  
AACTGCAGAAGAAAATTATGGATGTAATCAAATTGAG

>SEQUENCE:5047:prostate\_MPM2000-004P1Novel007-2-Table1

TGGAGCTCCACCGCGGTGGCGGCCGATGTACGGAATAGACTGGAATGGAACGAAATGGAA  
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TGGAATGGAATGGAAATAACCCGAATGGAATGTAATGTAATGGAGTGTAAGGGAATTGAA  
TACAATCAATCCGAATGTAATGGAATTGAATGGAACGGAATGGAATGGAATGGAATGGAA  
TGGAATGGAATGGAATGCAGTGGAATGAAATCAAACCTAGTGCAATGGAATGGAATGGAA  
TGGAATGGAATGGTATGGAATGGAATGGAATGGAATGGAACGCAAAAGAATGGAATGGAA  
CGAAATGGAATGGAATGAAATGGAATGGAATGGAATGGAATGGAATGGAATGGAATCAAC  
CCGAGTGCAGGGGAATGGAATGGAATTGAAGGCAATGGAATGGAATCATCCGGAATTGAA  
ATGGAATGGAATGGAATCAACTTGATTGCAATGGAATGCAATGGAATGGAATGGAATGGA  
ATGGAATGGAATGGAATTAACCCGAATTGGAATGGAATTGAATGGAATGGAATGGGAAT  
GGAAATAATGGAATGGAATGTAATGAACC

>SEQUENCE:5048:prostate\_MPM2000-004P1Novel007-2-Table1

TAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGG  
GGGACGGTCACTTTTTCCAACAAAACCCACTCCATAGCCATGTGGATTTTTATCCAAAGG  
CTCAACAACCAGAGGGAATGGTGAGACCTGATACTAAATACTGTATTGGCAAGGGTTT  
GAAATGTGTAAGAACCTAGGAGGGAAAGGAAGATTGAGCAACATAGGAAAAGGGGAAGAG  
AGGCTGAGTGTACCAAGGTCCAACTCCATTTATAAAAATACTGCAAAACCAGGAGTTG

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ATGGTAGAAGTGCATATGATCCATGGCAGGAGTAAATCTCTCCACCTCCTCTAACTCTCT  
GAAAACCTCTAGAGTTGGAGCAAGTCTTCCATTTGCTTCTTATCCCCTTAAAAGAATGCCT  
TCCACTTCCCAACAGCCCCCATCAAGGGACCCCAAGAGGCCACCATGCTCTTATCTCGCA  
CTTTCTTTCTTATTCCCCTTGCCTGAATCTGGAGTGGGGTTGAGCCCTCTGCCTTCAACC  
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TTTGAAGTAACGAATGCAAA

>SEQUENCE:5049:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATTGGAGCTCCACCGCGGTGGCGGCGGTTTCCCCTCACGGTGGACTTACCAAGAA  
TTTTTCAGCCGCTACCGTGTCCTAATGAAGCAGAAAGATGTGCTGAGTGACAGAAAGCAA  
ACATGCAAGAATGTGTTAGAGAACTGATACTGGACAAGGACAAATACCAGTTTGGTAAG  
ACAAAGATCTTTTTCCCGGCCGGGTCAAGTGGGCCTATTTAGAAAAATTGAGAGCTGACA  
AACTGAGAGCTGCCTGCATCCGGATCCAGAAGACCATCCGAGGGTGGCTGCTGAGAAAGA  
AGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTTCGATATCAAGC  
TTATCGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGA  
GGGTTAATTGCGCGCTTG

>SEQUENCE:5050:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGACCGGGCAGGACCTGTTAC  
CATGACACATAACGACTATGACCACGGTACCACACCAAGAATCATCTACCTCTATTACAA  
CCAGACATTTCGCACTTAAATAAGGAGGTGCTGCCGTATACTTATCCGTTGCTGGAGGCAG  
CATGAATGGGAACCA

>SEQUENCE:5051:prostate\_MPM2000-004P1Novel007-2-Table1

GGCGAATTGGAGCTCCACCGCGGTGGCGGCTCGAGGTACAGGGTTGGCTGCTCTGTTACC  
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>SEQUENCE:5052:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGGCGAATTGGATCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTTTTTT  
TTTTTTTTGGGTAAATGGTTTGGCTAAGGTTGTCTGGTAGTAAGGTGGAGTGGGTTTGAA  
CGCTTTCTTAATTGGTGGCTGCTTTTAGGCCTACTATGGGTGTTAAAATTTTTTACTCTC  
TCTACAAGGTTTTTTC

>SEQUENCE:5053:prostate\_MPM2000-004P1Novel007-2-Table1

ATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGCAGGTACAGAAGTAGAAGGCCCAAAT  
GGAGAGATAAATTATAATGGTAACCTTGATTGTGACAGAGCTTCTTTCTTCATATTTGCA  
TTCACAGCGTAGACAGTATGCTTCTACATCAGGCCCCCGCACAGGCATGGGCTCCACAAC  
ATGAAGGCAATCACAAATCTTTTCTGAGAAATGTTCTTATTATAAATATTGCCCAGAATT  
TTCTTTATAGGGAGGGCAGATACATTTACATCTGACATCCTCGAAATTCTGCCGCCACG  
CGCCTCCTGACCACAGCCCCCGTCGGCTTTCTAATTCTGTGAGCTGCCCTCGTGGGCGTG  
GCCTCCCCCGCGTACCTCGGCCGCTCTAGAACTAGTGGGATCCCCCGGGCTGCAGGAAAT  
TCGATATCAAGCTTATC

>SEQUENCE:5054:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGAGGAGAGGCAACATACT  
C  
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CTTGGTCAGAGCCAAATCCTGGCAAACGCTGCCTGACCTTCACTCTGTGGTTGGGGCAGT  
GAGAACCACTGAGGTCCAATGATGAGACTTGGAGGTCTGGATCCAGTCTCTCTTTGTTTT  
AATGTGACTTAGGTGCTGTCAACATTAGCAAGATAATGGAAATCACGACGCCAGTGGGTG  
CTTACCTCCCTGCTAGGCATGCAGGGGCTGGCGGTTGGCAGGGGAAGGAGGCCAGTGA  
G

CCGAGTCCCTTAGGGGAGGGAGAGTTTGTCTCTTTGCCCCACAGTCTACCCTTCAAGGC  
CTTGTGGCAGTGCCAGTGTTCCG

>SEQUENCE:5055:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTT  
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AACTCCTGACCTCGTGATCCGCCCGCCTCGGCCTCCCAAAGTGCTGGGATTACAAACGTG  
AGCCACCGCGCCTGGCCTTCTTGGTTTTCTTGGCTTCAATTCCTGGGAACGCCTGAATC  
AACAGGCGGACATCTGTCAAACCTTCTAGCAACTACGCCTGCGGATGGCCAACCTGACC  
CTGGAAGACAGTGGGGTTTAGTTAAGCACAGATTGGACTTTNTTTTTTTTTTTTTTTT  
TGGGGTTTTTGTTAGTTTATATCCTTCTTTTTTTTTTTTTTTTTTTTATAGGGTTGGAAT



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TACAGGGATAGATGGTATTCGCCTCATTTTCATGTCTTTACATCTGGCAAACAGGACTG  
>SEQUENCE:5056:prostate\_MPM2000-004P1Novel007-2-Table1  
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TTTTTTTTTTTTTTTGAATGAACAAATATTTATTTATCTTTTATAACAAGTAAGGCAAT  
GTTGCTTAAAGGAAGACAAACAAACATAAAAGATTCCGTTGACAATGCATTTTTTTCATCT  
GTTGCGCACAAATGCTTTTGT  
>SEQUENCE:5057:prostate\_MPM2000-004P1Novel007-2-Table1  
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G  
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GGACTTTGCTGAGCAACTGAAGTGGAGCGCAGAGCTTGCTCGCTTAGGAGAGAGCATCAT  
GGATGGCAAACAAGGGGGGCATGGATGGGAAGCAAGCCCGCGGGGGCCAAGGGACTTTCCT  
G  
GCATCAGGCTTCTTTCAAACCCATTGATGGGCGATGCTGTGTCTGATTGGTCTCCTATGC  
ATGAAGCTGCAATCCACGGACATCAGCTGTCTCTGAGGAACCTCATCAGCCAGGGGTGGG  
CTGTGAACATCATCACGGCAGATCATGTTTCCCCACTCCATGAAGCCTGTCTTGGAGGTC  
ATCTCTCTGTGTGAAGATTTTATTAAAGCATGGAGCTCAGCACGGAGCCAGCGTTCAAC  
CTGA  
>SEQUENCE:5058:prostate\_MPM2000-004P1Novel007-2-Table1  
ATATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCCGCCGGGCAGGTACTTTTTTTTTT  
TTTTTTTTTTTTTTTTTGAATGAACAAATATTTATTTATCTTTTATAACAAGTAAGGCA  
ATGTTGCTTAAAGGAAGACAAACAAACATAAAAGATTCCGTTGACAATGCATTTTT  
>SEQUENCE:5059:prostate\_MPM2000-004P1Novel007-2-Table1  
ATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTCATTAGTAATTGTTTTGTTGTCTCA  
TTTTTTCTAATGTCTCCCCTCTACCAGCTCACCTGAGATAACAGAATGAAAATGGAAGG  
ACAGCCAGATTTCTCCTTTGCTCTCTGCTCATTCTCTCTGAAGTCTAGGTTACCCATTTT  
GGGGACCCATTATTGGGCAATAAACACAGTTTCCCAAAGCATTGGACAGTTTCTTGTTG  
TGTTTTAGAATGGTTATCCTTTTTCTTAGCCTTTTCTGCAAAAGGCTCACTCAGTCCCT  
TGCTTGCTCAGTGGACTGGGCTCCCCAGGGCCTAGGCTGCCTTCTTTTCCATGTCCCACC  
CATGAGCCCTCCACTGGACAGATCAGTAAGCCTGGCCCTTCATTCTGCGCTGTGTACTTC  
CTCTGTGAAAATCCAATACCTCTTACCTGCTCTGCATGCAAAGATTCTCAG  
>SEQUENCE:5060:prostate\_MPM2000-004P1Novel007-2-Table1  
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ATGTGCCATTATCCGATCAGGATTGCTGGGGTTTGTAGGGCCGGGTAGTTTGGTGTTCG  
TGGTTGGGAAAATGGATGGCTTACTGATGGTTTATGGGGTCTGAAGACATAATGCTGATGAC  
ATTGTTGCTACTGGATTGGCTGTAGAATCAATAAAGACTGTTTATAGAGGAAGAATTGCT  
GTGTTTTCTGTGTCTGTATTTTATGATGAGCGCATTGTGGTGGTTGCGGAACAAAGACCT  
GATGCTTCTGAGGAAGATAGTTTCCAGTGGATGAGCCGCGTGCTGCAGGCGATCGATAGC  
ATTCATCAAGTGGGGGTTTATTGTCTTGCTCTGGTGCCAGCCAATACATTGCC  
>SEQUENCE:5061:prostate\_MPM2000-004P1Novel007-2-Table1  
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TCTGCTCCCTCATTTAAAAATTAATAATCAGGCCAGGTGCGGTGGCTCACGCCTGTAATC  
CCAACACTTTGGGTGGCCCAAGGGGGCCATAATCACCTGTGATCAGGAGTTCGAGACCAG  
CCTGACCAACATAGTGAAATCCTGTCTCTACTAAAAACACAAAATTAGCCGGGGCGTG  
GTGCATGCCTTGTAATCCACAGTTTCTTCGGGGGTCTGAGGGGCACGAGAATTTGCTTGA  
ACCCCATGG  
>SEQUENCE:5062:prostate\_MPM2000-004P1Novel007-2-Table1  
CGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACACGTGTGACT  
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AGATGATGTCCACCCTGCTAGTTCTAAATCCTCTTTTGGGTGCTTGGTAAGGAGAGGTGG  
AGGGAAGGGAATATGAGGAAGGGTCGGTTAGGGAAAATAAATACTGGTTGAGCAATGGGG  
CGGTGGCTCTAGCTGTGGTCAGCACTGCACAGAGTAGGGGTCTGGAAAGGAGAAAGAGGC  
AGAAGAATCTGGCTTGAAGTAGATGCAAATACTTACAACGAGGAACTTTCTCTGCCAGA  
TTCAAAGGGGCACATGGCTTTTGTAACTGGAGAATGAGGTGAGGTAGAGCTGTGTTTC

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CCTTACCACTGGCTTATCAGTGCCTGGCACAGTACCTGCCCCGGGCGGCCGCTCTAGA A

>SEQUENCE:5063:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTGCAG  
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TGAATCCTAAAGTTTTTGGTGCAGGACCCAATTTAAATCCATGTTTCTTCCCCGCGTACA  
AATTGCTAATCAAAAAGGAAAGGTGGAAGATGGGTAGTTTTTAATAACAAATAGTAAAACG  
GGTGTGCTGAATACAGCACCCGGTAGCCTCTATTTGCAAACCCGGGGAGGGAAGGGGGT  
GCCCCAACACAGTGGCTCCGCCTCATTGTCCAGGCACAGGCAAACCGCAGTAGTGAGCT  
TTGGTACCTCGGCCGCTCTAGA AACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAA  
GCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCCTTTAGT  
G

>SEQUENCE:5064:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTTTTTTTTTTTTTTTT  
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TGAGCTTTAAAGACAGATGGGATCTGGCATGCGTTTGTGAGTTAACAGTGCTAGCACAAA  
TACCAACTTTTGTTAAAATCGTAAGGATTTTATGTCGTGAGACACTCAGGACTCACCTGA  
TCTCGGTGTTGAGTTGTGCGTAGTTTTTGATTTGCGCCTCGCCCTTGGGCAAGTGCAAAA  
TCCTGGGGTTATACAAAGCTCATCACAGTTAACCCCTTTGTCCCAATCCGCAGAATGAGA  
GCTCAGAGCCCGGCCATGGGAGGCTCGGTTATTTAGGCAGGAAAATCAAGGAACCCATGT  
TTGAGCAGGGGGCCTTTTGTTGGCGCG

>SEQUENCE:5065:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTTTTTTTTTT  
TTTTTTTTTTTTTTTTTGGAGGAAATATTTGCTTTTAAACATTTGATTTTCATCAATCTT  
TGGATGATTTGACTTTATTGTCAATATCTAGTAAATTTGCCAAAATATTTTTTTTATTCC  
TTGCTCCCTTTATCCCACTAAAAAATTGGGCGGGTAGAATTTTCTGTTTTCTAAACAG  
GAAGGAGGCAAAGCTGGTTTCACCTTGTCGTCTAACTGTAAGCCCATAAAGGAAATATTG  
GTCCAAAATTTTGCTTGAGCAAAGTTCTATTAATTCATTTTTACCCAAGAAATTTAATTC  
AAGAACTTAAATATGTAGTGA AAAAAAAAAATAAATTTTTTTTAAACAAGAAAAAATAT  
TCTAGCTTAAAAGTCAAAGTAAAAACTTTTT

>SEQUENCE:5066:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACCAATTTACTGTATTAG  
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GTTTAATTGAACCTACAATTCCATATGGCTGGGGAAGCTTCACAGTCATGATGGAAGGCA  
AGAAGGAGCAAGTCACATCTTACATAAATGGTAGCAGGCAAAAAGTGAGATCTCATGCAG  
GGGAGCTCCTCTTTTTAAAACCATCAGATCTCAGCTGGGCACAGTGGCTCACGCCTGTAA  
TCCCAGCACTTTGGGAAGCTGAGACAGGCAGATTATCTGAAGTCAGGACTTCAAGGCCAG  
CCTGGCCAACATGGTGAAATCCCCTCTCCACTAAAAATACAAAATTAGCCAGGCATGGT  
GGCAGGCAACTGTAATCCCAACTACTTGGGAGGCTGAAACAGGAGAATCACCTGAACC

>SEQUENCE:5067:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTTTTT  
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GCAATCAAAGCTTGCTGCAGCCTTGAACCTCTGGGCTCAAGCAATCCTCTTACCTCAGCA  
ACTAGGACTACAGGCACATGCCACCACGCTTGGCCTTCTAATTTATTTCTGTGTCAACAA  
AATAAACTCAGGCCTAGGAATAGCTTGGTTCAGAAATCACAGAGGGACTTAGTATTCCA  
TTAATCCCGCGTACCTCGGCCGCTCTAGA AACTAGTGGATCCCCCGGGCTGCAGGAATTCG  
ATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCC  
CTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTTCATAGCTGTTTCCTGTGTGA  
AATTGTTATCCGCTCACAATTC

>SEQUENCE:5068:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGC  
A  
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TACGAAGGCTATTACAGCCAGAGTCAAGGGGACTCAGAATATTATGACTATGGACATGGG  
GAGGTTCAAGATTCTTATGAAGCTTATGGCCAGGACGACTGGAATGGGACCAGGCCGTCG  
CTGAAGGCCCTCCTGCTAGACCAGTGAAGGGAGCATACAGAGAGCACCCATATGGACGT

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TATTA AAAACAAACATGAGGGGAAAATATCAGTTATGAGCAAAGTTGTTACTGATTTCTT  
GTATCTCCCAAGATTCTGTTGCTTTACCCACAACAGACAAGTTATTGTCTAAGTGTTTT  
TCTTCGTGGTCCCCTTCTTCTCCCCACCTTATTCCA

>SEQUENCE:5069:prostate\_MPM2000-004P1Novel007-2-Table1

ACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTT  
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AGTTCAAGTGATCCACCCACCTTGGCCTTTTAAAGTGCTGAGATTACAGGTGTGAGCCAC  
CATACCTGGCCAAAATAATAATTTTTTAATCTGTAAAAAAAATAAAGAGAAAAGTGTA  
AATGTGTTTCATCCAACAAAGCCTTTCTTTCACACATTTGAAATTTAAATAGATCCATTTA  
AATACGATATCCAGTTGAACCAGCCCTGAAGGGCTTTCTGAATTGGACATGTTCTGTCGT  
TACCAGTGGGGCTTTCTGGAAGCTGGCCCAGAGCTGGTCTTGTCCACGCAGAGGATCTGA  
AAGCAC

>SEQUENCE:5070:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGAGGTACGTCCCACCCCCTGCT  
G  
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ACACAGATTCAAACACATCTTTGCAAACAAGGGCTAGAGAAAAGAGGAAGCCTCAGCTGG  
AGAAGGACACAAAGCCGAAAGAGCCCAGGTATACTCCCGTGAGCATCTACAAGGAAAAGC  
TGCTGCTCAAGAGGCTGGAAGCTTGTCCCGGTGCTGTTGCCATGACTCCGGAAGCTCGGA  
GACTGAAACTCAAACCTGATTGTTAGACAAGCGAAAAGGGATAGGGGATTACCACTTTTTG  
ACTTGGATCAAGTTGTTAATGCTGCTCTTTTGTAGTTGACGGGATTTATG

>SEQUENCE:5071:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGGACATATCACCTAAGCT  
CTGGATTGCGCAGATAGGCCCAATCTCTTTTTTGGGCAATGCTCGGGTAAGAGAGCAGAG  
TCACATCAAGTGGTTGATGGGCCAGAGATATATCACATTGCCCTTGTGGACAGGGACC  
AGGCAGGGGACTCACATCACAATAGAGGTAGGACAAGGAATACATCACAATACGTTTTGA  
GAGCAGAACCAAAAAAGAGTAACATAATCTTTGTGTTGAGTGCAGCAATATGTTACACTT  
TTCTTTGTGGGCAGAACGTGTAAAGAAGGAAAAAGTTGGCCGGACACGGTGGCCTGTAAT  
CCCAACACTTTGGGAGGTCAAGGTGGGCAGATCACCTGAGGTCAGGAGTTCAAGACCAGC  
CTGGCCAACATGGCAAACGCTGTCTCTACTAAAAATACAAAAATTGGCTGGG

>SEQUENCE:5072:prostate\_MPM2000-004P1Novel007-2-Table1

GGCGAATTGGAGCTCACCGCGGTGGCGGCCGAGGTACACTGGGCTCTCAACGTGGTGTG  
G  
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CTGTGTGCTTAGGGAGGAACTTTTTGATCTGCAGAAAAGCCAGAAGACATCTAGGACAT  
CCATAAAAATTCATCAGAGAGCATTTTACTACTGAGCTGCAAAGGGGAAAAACTTAAATG  
GATATGAAAAGTGAAGAGAGTGATCATAGGAGAAAACCATTTTCAGATGACAAGAGCACCT  
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CTTAATGGAGGAGGCTGAGGTCAG

>SEQUENCE:5073:prostate\_MPM2000-004P1Novel007-2-Table1

GCGCGTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTAC  
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AACGTGCTGTATCAAGAGAGGAATCTGGAAAACCAGGGGCTCATGTAAGTGTGAAGAAGC  
TGTATGTTGGCGG

>SEQUENCE:5074:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGCTGAGCGCCGACCCACGCCCTGCCTGC  
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CTTCCAGTCCAGCCAACACTCTAAGCAGGCACCGCCTCCACTCGCAGCCCCCGGGATGGG  
TCCCACTCCCTACCGCAGATCCCCAGGCCCTCCACCCAGTCGGCTAGCCCTCGCCTTT  
GCCATCCGATACTAAAATGTCTGATGATGCTGGTGACACCTTAGCCACTGGAGACAAAGC  
AGAAGTTACTGAGATGCCTAATAGTGATTCTTTACCTGAGGATGCAGAAGTGCATTGTGA  
TTCAGCTGCAGTTTCACATGAGCCAACACCAGCTGACCCAGAGGGGAGGGGCATGAAAA  
TGCAGCTGTGCAGGGTGCAGGGGCTGCCGCCATTGGGCCCTGTGCAGCCTCAGGATG  
C  
CAACGCCCTGGAGCCCCCTCTTCAATGG



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&gt;SEQUENCE:5075:prostate\_MPM2000-004P1Novel007-2-Table1

CACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATCAAAGAAAATAA  
GATATACCTTTTTTTTTTGGAGAGGGAGTCTCACTCTGTCGCCAGGCTGGAGTGCAGAGGC  
GCGATCTTGGCTCACTGCAACTTCTGCCTTCTGGGTTCAAGCTATTCTTCTGCCTCAGAC  
TGCCGAGTAGCTTGGGATTACCATTTGTTACCTACCACGGCCCGCTCTAGAACTTAGTGG  
GATCCCCCGGGCCTGCAATGAATTTGATATCAAGCTTTAT

&gt;SEQUENCE:5076:prostate\_MPM2000-004P1Novel007-2-Table1

CGACTTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTT  
TTTTTTTTTTTTCTGAAATGAACAAATATTTATTTATCTTTTATAACAAGTAAGGCAATG  
TTGCTTAAAGGAAGACAAGCAAACATAAAAGATTCCGTTGACAATGCATTTTTTTCATCTG  
TTCGGCACAAATTGCTTT

&gt;SEQUENCE:5077:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTGATTTTA  
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TTCTCCTTTCTTCTGAAGGTTTTACGATGCATTGTTATCATTAAACCAGTCTTTTACTAC  
TAAACTTAAATGGCCAATTGAAACCAAACAGTTTTGAGACCGGTTCTTCCACCAACTGA  
TTAAGAAGTGGGGTTGGCAGTGTATTTAGGGANTTAATATTCATNNNTTAGCCTTCTTGA  
GCTTTCTGNNGCAGAACTTTGATGACCTTTGCCAGCTTCTCAGCAGCCCTTTCTTGGTCC  
ACTTGCTTTTGATGAACAACCCANCCNGCAACTGTTCTGTTCTTCATATTTACGAACAG  
CAAAAGCGACCCAAAAGGGTGGAATAGTTCTGAAGAAGCCTCTTCAACCACACCATGGGG  
CTTGGCCAGG

&gt;SEQUENCE:5078:prostate\_MPM2000-004P1Novel007-2-Table1

ATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGGGTGGCGGGAG  
G  
AACCGTTACGGGAAGTGAAGTTGCGGATTAAGCCTGATCAAGATGACAACCTCCCAAAG  
CACCGAGACTTCGTGGCAGAGCCCATGGGGGAGAAGCCAGTGGGGAGCCTGGCTGGGAT  
T  
GGTGAAGTCCTGGGCCAGAAAGCTGGAGGAAAGGGGTTTTGACAAGGCCTATGTTGTCCT  
TGGCCAGTTTCTGGTGCTAAAGAAAGATGAAGACCTCTTCCGGGAATGGCTGAAAGACAC  
TTGTGGCGCCAACGCCAAGCAGTTCCCGGGACTGCTTCGGATGCCTTCTAGAGTGGTGCG  
ACGCCTTCTTGATGCTCTCTGGGAAGCTCTCAATCCCCAGCCCTCATCCAGAGTTTGC  
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&gt;SEQUENCE:5079:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACTTTTTTTTT  
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GGCTCCGGCTCTGCCGCCGGGGGCTGCAGTGCAATGGCGCGATCTCACCTCACTGCGGC  
CTACTGGGCTCAAGCGATCCTTCCACTGTTGCCCGGCCTGAAGACAGCCTTTAGAGAAAGA  
AGCAGGGGGAGTTCTTCCGAGGACAGACAAGATTTCTGGAGTTTGGAAGGGTGAGAGAC  
TGGGTCAGCGAAAGGAACATTCCGGTCTTTATGTTGGGATGCAACGTATTGATACAGGGA  
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TCTATATTAAGCTTATTGATTCCGTCGACCTTGAGGGGGGGGCCCGGTT

&gt;SEQUENCE:5080:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTGCAA  
AGCACTTGAAGTCATTAAACCAGCTCATATACTGCAAGAGAAAGAAGAACAGCATCAGTT  
GGCTGTCACTGCATACCTTAAAAATTCACGAAAAGAGCACCAGCGGATCCTGGCTCGCCG  
CCAGACAATTGAGGAGAGAAAAAGAGCGCCTTGAGAGTCTGAATATTCAGCGTGAGAAAG  
AAGAATTGGAACAGAGGGAAGCTGAACTCCAGAAAGTGCGGAAGGCTGAGGAAGAGAGGC  
TGCGCCAGGAAGCAAAGGAGAGAGAGAAGGAGCGTATCTTACAAAAAAAAAAAAAAAAA  
AAAAAAGGTCCATGCTAAGACTTCACCAGTCAAAGCGAACTACTATACTCAATTGATCC  
AATAACTTGACCAACGGAACAAGTTACCCTAGGGATAACAGCGCAATCC

&gt;SEQUENCE:5081:prostate\_MPM2000-004P1Novel007-2-Table1

CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGGTGGCCGCGCTCAG  
G  
TAGCGCAACTCCCGCAGAAGTCCTCGAAAAGTGTGCGACGGGGACCCTAAGGCCGACATA  
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CTACC

&gt;SEQUENCE:5082:prostate\_MPM2000-004P1Novel007-2-Table1

ATACGACTCACTTAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTT  
TTTTTCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCATTGGGGGCACTTTTATTT  
ACAGCCAAGGAAAAAAGAAACTACCTTCTATTTAAAATGGGAAAGCTTGTTTGTATAAA  
AACAAATATTTTCATCATCACTTATTTTCTATACTGTTGGAACTAAGTTTTACATTTTTC  
ATTTTCAACAGAGATTTGAATTTTAATGTCCCAAAAATATAAAGAAGATGGCTTTAAAAT  
GTCCTATATGTTGGCAGCCCTACCCTGAAAACCTTTTTTGGCTTATCTTTGGTTCTGAGCT  
ACAGTCTTCGCAGAGACTAAATTAGTGACTGGACAAC

&gt;SEQUENCE:5083:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGCCACCCCTCTGCAAC  
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TTCCAGACTGCTACAGCTNTGTGTCACTTCAGAGAGCAAATCCTTTTAAAAAACAGATGG  
TCAAAGAGAAAATGAGAAAGACTTCCCCCAAAAAAAGGATACTTCCATTCCACTATACTA  
ATGCAGGCTCTTCGGATGGGGTTATTGAGTGATAAACAGAAAAGGGCGCGGGCAGGTCGG  
CTGTTGGACGAGTTACCCTGTTTTTTGCTCTTGGCGTATTGCTGACGTTTTCTTTGGGAG  
AGAGATCCTACAGGTGGGGGTGCAGAGGTGCTCATAGTTTGGGCAGCCTTGGCCTGTCTA  
GCAGCATCGATTGTAGCTTGCCAAGACAGGACAGTTTGCTTGGAGCTATGCGGCTGAAAA  
GTTGGTCCTTCACCAGAAAGAGGAAGTCTGGTGCCTCTTGCATAGTTTGCCTCTGGGGAG  
AAGGAGAAAAACAAAGATTTTTTTTTTAAATGAGGATCCAATGGGTAGGAGAAAAAATC  
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&gt;SEQUENCE:5084:prostate\_MPM2000-004P1Novel007-2-Table1

GCGCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCG  
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GGAGAGAGTGCTACATCAGAGAGTGAATTTACCTTAGGGGGTGACGACAGTGGTGTGTCA  
ATGAACCCAGCTAGGAGTGCACCTTGCACCTGTTGGCCATGGCCCAATCTGGGGATGCAGTC  
AGTGTCAAGATTGAAGAAGAAAACCAAGATTTAATGCATTTTAACCTTCAAAAGAAAAGA  
GCTAAAGGAAAAGGGCAAGTTAAAGAGGAAGACAACAGTAATCAGAAACAGCTGAAAAGA  
CCTGCCCAAGGCAAACGCCAGAATCCAAGGGGAACAGATATTTACTTACCGTATACTCCT  
CCTTCCTCAGAAAGCTGCCATGATGGTTATCAGCATCAAGAAAAAATGAGACAGAAGATC  
AAAGAGGTGGAGGAAAAACAACCGGAAGTCAAAACAGGATTTATTGCTTCTTTCTTAGAT  
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&gt;SEQUENCE:5085:prostate\_MPM2000-004P1Novel007-2-Table1

GCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACT  
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TTTTTGTTTGTTTGTTTCGAGACGGGGCTCCGGCTCTGCCGCCGGGGGCTGCAGTGCAAT  
GGCGCGATCTCACCTCACTGCGGCCTTCTGGGCTCAAGCGATCCTCCCACTGTGCCCGGC  
CTGAAGACAGCCTTTAGAGAAAGAAGCAGGGGGAGTTCTTCCGAGGACAGACAAGATTTC  
TGGAGTTTGGAAGGGGTGAGAGACTGGGTCAGCGAAGGGAACATTCCGGTCTTTATGTTG  
GGATGCAACGTATAGATACCCCGCGTACCTGCCCGGGCGGCCGCTCTAGAACTAGTGGAT  
CCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGC  
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&gt;SEQUENCE:5086:prostate\_MPM2000-004P1Novel007-2-Table1

TCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTGGGC  
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GAAGAGCATCTGCAATGTCAAACACTCCTACCCACAGTATTGCTGCATCCATTTCCCAAC  
CTCAGACTCCAACCTCAAGTCCTATCATCTCTCCTTCAGCCATGCTTCCTATCTACCCTG  
CCATTGATATTGATGCACAGACTGAGAGTAATCATGACACGGCGCTAACACTTGCTGTG  
CTGGTGGCCACGAGGAAGTGGTACCTCGGGCGCTCTAGAACTAGTGGATCCCCCGGGCTG  
CAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAG  
CTTTTGTTCCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTT  
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GTGTAAAGCCTGGGGTGCCTAATGAGTGAGCTAACTCACATTAATTGCGTTGCGCTCAC  
>SEQUENCE:5087:prostate\_MPM2000-004P1Novel007-2-Table1  
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CCTTTGCTGTGTTCCCTGCAGCCCCTGGCCCCCAGCCTTGGGGCTCTGGCTCCCCCGG  
CGGAATTGGGGGACTGTTTCCTGACATCCTGGACAAGGGAAGCCCACTAGAGGCTGGAAC  
AGGACCTCTCCAGCCTCCTCACCAGCACCGTGCCCATCTCAACTGGACTTCCCGCCCTCC  
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GTGCGT  
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>SEQUENCE:5088:prostate\_MPM2000-004P1Novel007-2-Table1  
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CTACAAATAAAAAAATTAGCTGGGTGTGGTGGCATGTGCATGTAGTCCTAGCTACTCAG  
GAGGCTGAGGCAGGAGAATCACTTGAACCAGGGAGGCGGAGGTTGCAGTGAGCTGAGATC  
ACGCCACTGCACTCCAGCCTGGACAAGAGAGCGAGACCCTGTCTCAAATAATGATGATG  
ATAATAATAATAATAATAATAATTCTGATCTGTCATAAATCTTGTCTTTTCTTAAAGAG  
CATGAAAAAATGTTTCCCATGCTAGATGGAAATTGCAAACCTTTTCGCTGAAAATAATC  
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>SEQUENCE:5089:prostate\_MPM2000-004P1Novel007-2-Table1  
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A  
CCAGCAGGGGAAACAGATGGGGATAGGTAGGGGTTGGGGCTTAACACCAAGGTGGAATGT  
AGCTGAGGCTACATGGTAGAGGGTGCTGGGAAAAGATACCTGGTTGGGGCCCTCCCAGGC  
TGCAGGCCCTCTTCCCTTCCCTCTACCAGCATCTGCACAGCTTCTTCCAAGTCCCCCG  
AGCTTTGGCCAGCACCCACTGGGCCTGCTCCACCGAACAGGTAGGGAACACCTCCAGGAG  
TACCTCAGTCCACATCTCCTTCACGTTCTCCAGCACCATGTTGCAGTGCCTATCGAAGGC  
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CTTGACTGACTGTGTGAGCACAGAGAGTGGACCGGTGTTAAATTCC  
>SEQUENCE:5090:prostate\_MPM2000-004P1Novel007-2-Table1  
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AATGGCCCAATCTCGGCTCACTGCAGCCTCTGCCTCCCAGGTTCAAGGCGATTCTCCTGCC  
TCAGCCTCCCGAATAGCTGGGAATACAGGCATGTGCCACCATGCTCGGCTCATTTTGTAT  
TTTAGTAGAGACAGGGTTTCGTCATGTTGGCCCGGCTGGTCTCGAACTCCCGACGTCTG  
GTGATCCACCTCCCAAAGTGCCGGGATTACAGGCATGAGCCACTGCGCCTGGCCCTATAT  
AGACTTTTTAATGTGACTTTGTCAAAACAGATATCCCAAACCTTTATTATTAGAATTGAGA  
ATGCAAGCATTACTTAGTAGGAAAAATATTTTGCTTGAATCCCAATGATTTGTGGATAT  
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>SEQUENCE:5091:prostate\_MPM2000-004P1Novel007-2-Table1  
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TCTCCAGAGGACAGCTGGGACTGCCCCGCGTACGCGGGGAAATTGAGTCCTTCTATGAAG  
GAGAAGACTTTTCTGAGACCCTGACTCGGGCCAAATTTGAAGAGCTCAACATGGATCTGT  
TCCGGTCTACTATGAAGCCCGTCCAGAAAGTGTTGGAAGATTCTGATTTGAAGAAGTCTG  
ATATTGATGAAATTGTTCTTGTTGGTGGCTCGACTCGAATCCAAAGATTCAGCAACTGG  
TTAAAGAGTTCTTCAATGGCAAGGAACCATCCCGTGGCATAAACCCAGATGAAGCTGTAG  
CGTATGGTGCTGCTGTCCAGGCTGGTGTGCTCTCTGGTGATCAAGATACAGGTGACCTGG  
TACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTT  
ATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCT  
>SEQUENCE:5092:prostate\_MPM2000-004P1Novel007-2-Table1



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GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGGGCA  
C

AAGCTGTAACATGGCGGCAGCGACTGCGGCCTGAACTCTAGGGAGCCGGGTTGATTTTAA  
AAGCTTCAAAATCCTAAGACTCAGCACTGTTGCGGGGAGCACAGGGATCAGTTGTCCTTG  
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CAACGTCCTCGATGTTTTTTTGACATTGCCATTAACAATCAACCTGCTGGAAGAGTTGTC  
TTTGAATTATTTTCTGATGTGTGCCCAAAACATGCGAGAACTTTCGTTGTCTTTGTACC  
TGCCCGGGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAG  
CTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTG  
AGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTA  
TCCGCTCACAATTCCACACAACATACGAGCCGGGAGCATAAAGTGTAAGCCTGGGGTGC  
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>SEQUENCE:5093:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTAC  
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CTGAGTCCAGGAGTTTGAGACCAGCCTGGGCAACAAGGTGAAACCTGTTTCTATCAAAA  
AAAAAAAAAAAAAAAAAAGGAAAAAAAAATAAGTCAGGCATGGTGGTATGCACCTGTGGTCTCA  
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>SEQUENCE:5094:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATACCCC  
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AATAACTTTAGTATAAGCCTCTCAGCTGACAATGACCCAAGGACTGTTTCAAGCGGCCAGG  
CACCTGAGGAGCAATGACAGTCTACGAGGACATCTTCTGCAGCAACAGCCATCAGGAGAC  
CAGCAGCAGCACAGCACTCAGGGCTCGGTGTCCACCTCCCTGCAGATCACTTTCTCCCTC  
ACTGGAATCAACCGCAGCACTTGGAGTCTACTCATGGAGTAGAACTTCTTTATGGGGTC  
TGGCAGAGGCAGCGAAGGAATCAGATGAAGCCGGTGTTTGCCAAGAGCTCTTCTCACAGC  
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>SEQUENCE:5095:prostate\_MPM2000-004P1Novel007-2-Table1

GACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTCCCGTGATTG  
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ACGAAACTTTGCATTCTTTCATTAGCAATGCAGTGGCTCCTTTTCTTAAGTCCTACATTA  
GAGAGTCTGGCAAGGCAGACAGGGATGGTGATAAAATGGCTCCTTCAGTTGAAAAGAAGA  
TTGCAGAACTCGAAATGGGACTCCTTCACTTGCAGCAAAATATTGAAATTCCGGAGATCA  
GCCTGCCGATTCATCCAATGATCACAAATGTTGCAAAACAGTGTTATGAGCGTGGAGAAA  
AGCCAAAAGTTACAGACTTTGGTGATAAGGTTGAAGACCCAACATTTCTTAATCAGTTAC  
AATCTGGAGTTAACCGCTGGATCCGAGAAATTCAAAAAGTGACCAAACCTGGATCGAGATC  
CTGCATCAGGAACTGCCTTACAGGAAATTAGTTTTTGGCTAACTTGGAACGTGCGTGAT  
ACCGCATCCACGAGAAACGGGAGAGCCCGGAAGTCCTCCTGACTCTGGATATCTTGAAC  
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TGGAACCT

>SEQUENCE:5096:prostate\_MPM2000-004P1Novel007-2-Table1

CGCGCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCG  
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AGCTTCATTGTTGCATTTGGACATGACAAGAACTGGATGGCAAACCCATAGTCACCAAG  
CTGTATAAAAAACCTGGCTACCATTTTGGCTCCATCCAGAGACTGGGTCTCTTTAACAAT  
ATTGACAGCTTTTTCAAGATTATTGAGGCGATCCACATAGATGCGGATTACACTTTGCCA  
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>SEQUENCE:5097:prostate\_MPM2000-004P1Novel007-2-Table1

GACTCACTATAGGGCGAATTGGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACTTT  
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TGATGCAATGGTCTCCTGAGAGTGAGATCACAGAATCTTCAATAGACACATCGNGCCACA  
CCATCTTTGTCAGCAGTCACATTGCCCAAGTCTCCAACATGCCTCTCTTCATCCTTTGGC

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CCACCGTGTTTTCTGGATAGAGGATTAAGTGAGGACCTGCACTGGTACGCGGGGAGCAC  
TGCCTGGCTCCACGTGCCTCCTGGTTTCAGTATGGCGCTGTCCTGGGTTCTTACAGTCCT  
GAGCCTCCTACCTCTGCTGGAAGCCCAGATCCCATTGTGTGCCAACCTAGTACCTCGGCC  
GCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCG  
TCGACCTCGAGGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCG  
CGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATT  
CCACACAACATACGAGCCGGGAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGC  
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>SEQUENCE:5098:prostate\_MPM2000-004P1Novel007-2-Table1

GCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCCCCGGG  
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CCTTATCGTCACTATGAGAAGACGGAAAAAAGAGCCCCTTATTTTTGACGAAGAAAGAGA  
CATCAGAGAAAATATTGTGAGATACGATGACGAGGGCGGGGGAGAGGAGGACACGGAAGC  
GTTTGACATGGCTGCACTGAGAAACCTCAACGTCATCCGAGACACCAAGACCCGGAGGGA  
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>SEQUENCE:5099:prostate\_MPM2000-004P1Novel007-2-Table1

CGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACGG  
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TTAGGATGGGGTGTGATAGGTGGCACCCCGCGTACTGCCAGCTCAGGGCAGCCAAAAGCA  
TGACAAACGACAGGTAGATGGGGGAGTAGTGGCTTCGGGAAATCAGCCGACAGTTGGGAA  
GATTCTGCGTCCGGATGGTGGAGATGATCTGCCTTGTTTTGCTAGAAGATGGGTCTGAGT  
CGGGGATTCTATGATAAATCTCTTCCATATACTGATATATGATGGCTTTGACAGCTGGCA  
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>SEQUENCE:5100:prostate\_MPM2000-004P1Novel007-2-Table1

GACTCACTATAGGGCGAATTGGAGCTCCCCGCGGTGGCGGGCCGCCCCGGGCAGGTACTTTT  
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TGGCTAAACTCATCCCAGAGGATAATGGCAACCCATGCCTTAGAAATCGCTGGGCTGTT  
TCTTGGTGGTGTGGAATGGTGGGCACAGTGGCTGTCACTGTCATGCCTCAGTGGAGAGT  
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>SEQUENCE:5101:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCCCCGGGCAGGTACCGGGATGT  
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TGCCCAGGAGAGAAATTATGGGACCATAATCAACATAGAAAAATCATCGGTTATAAACCA  
GCTTCCTCTCAAGATCAAAAAATTTATTCTGGGGAAAAATCCTATGAGTGTGCTGAATTT  
GGAAAGAGCTTCACCTGGAAGTCACAGTTCAAGGTACCTCGGCCACCTCGGTGCTCTAG  
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CGAGGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTCTAGTGAGGGTTAATTGCGCGCTTG  
CGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCCACACA  
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>SEQUENCE:5102:prostate\_MPM2000-004P1Novel007-2-Table1

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CCTGAATACAGACTAGATCAGAGATTTTATTTTTTTAATTGAAAAGGTACTTGGGTTCTC  
TTTAGAAACCCTTATTTGGTGTGCGCATCTGGCTATTGCACAGAGATGTCATCTTATGCG  
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>SEQUENCE:5104:prostate\_MPM2000-004P1Novel007-2-Table1

TACTATACGGGCGAATTGTAGCTCCACCGCGGTGGCGGGCCGAGGTACGCGGGGGGGGGC  
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CCGCCAGCGCAGCCTCAGAGTTTGATTATTTGCAATGTCAGGCTTTGAAAACCTTAAACAC  
GGATTTCTACCAGACTAGTTACAGCATCGATGATCAGTCACAGCAGTCCTATGATTATGG  
AGGAAGTGGAGGACCCTATAGCAAACAGTATGCTGGCTATGACTATTCGCAGCAAGGCAG  
ATTTGTCCCTCCAGACATGATGCAGCCACAACAGCCATACACCGGGCAGATTTACCAGCC  
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GCCCCCTTTA

>SEQUENCE:5105:prostate\_MPM2000-004P1Novel007-2-Table1

AAACACAAAGAGCATGGGCTGTTAATAATGAGCCATATCTCACAAAATATGGCCACAGGA  
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TACGAAGCCTTGACATGACCACATCCCAGTCAGCATAAGCTCCTTCTAGATGGCGGGATA  
TCTCAGTTCCTGCTTCATAGCTACGTCGGCCATGAAGTAAGCACCAAGTTATCAAAAATAA  
TCACATCACCTGGATTCATCTTGAAGGTAACTTGGATCCTTTGCTGTTTATGAGGTCAA  
CAAACCTCCTTCAGAGCAGCATAAAAAGGCTGAACTCTTCAACAGGCACATTAAATATT

>SEQUENCE:5111:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACGTTTGGGAGCCTG  
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GGCCTTGGCCTTGGCCTTTGGCCGGCAGAGCCTGAGCCCTTGGCAATACGGGGCAGGAGC  
ACGCTTTCCAAGCTTGGGGTGGGCAATGTAAGCAAGTCGATCGAGCTTGCGGCTGACACC  
CTTTGGGATCTTGGGCTTAACACTCCTTGGGCTTTACGAGGGCTCTTGATAGCCCTCGGC  
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GG

>SEQUENCE:5112:prostate\_MPM2000-004P1Novel007-2-Table1

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CTCCCCTTCAAAGGTTCCAGAGTAAACAAATGGTGCCATCATTCAAGATAACGTGCTGAT  
CACCTCCTCCCAAAAAGCAAGAGCTTGTTTATGGTTGAGGAATCGGCGGGATTGTCTGA  
ATGACACATTATACAGCAGCCCCCAGGAATTTCTGCAACACTCTTGGGATCTTGTGC  
TTGGGTGGAAACATTTGCCA

>SEQUENCE:5113:prostate\_MPM2000-004P1Novel007-2-Table1

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GCCAAATCCCGAAGTTCTTCACCCGCAGGGGGGACTTCTCAAACACCTGCCCACAGTAGA  
CAATCTCCCCTGAAGACTTCTTCATCTTCTTTAACTGAGATTCCAAAGTACGCGGGGAGT  
GAACTGAGGGCCACCCTGGGAGGAAGCCGACTAGGCGAATTCATTACTGACCGCGCCTG  
GGCTGCTCCTGAGACATGNGAGGAAGACCAGTGAAGGCTGGA

>SEQUENCE:5114:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACAAACTCCAGCTCACTCAGATAA  
AGGAACATGAACGACCTATCACAGAAATGCCTTTGTTTGGCCAGCCACGGTGGATCATGC  
CTGTAATTCCAACAATGTGCGGAGGCAGATGTGGGCGGATCATCTGAGGTGCGGAAGTTGA  
GAACAGTCATGAACCAATATGGTACAAACCCTGTTCTTTACTAGAAAATA

>SEQUENCE:5115:prostate\_MPM2000-004P1Novel007-2-Table1

TACTATACGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCCGGGCAGGTACGCGGGA  
G  
AGAAGTTTCCGGGACTGTCCTCACGACAGTCCGGTTTGTAGATTCCCTGATCTGCAATTC  
TTCCCGTTCTTTCATGGATTGAAGGCTCTCCTTTCTTCTTGAATGACTTTGCATCCCT  
CTCGTTTGCTTAAGAGTTGGGACAAATGTTGGATTAAGTGGTGTGAACCCAAGCTCCACC  
ACATACTTGTGAAATACACCTCTTTCCTGACCA

>SEQUENCE:5116:prostate\_MPM2000-004P1Novel007-2-Table1

ATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACTCCATCGGGATCTTTTTTACCTACGCA  
CTCCAGTTCTACGTCCCGGCTGAGATCATCATCCCTTCTTTGTGTCCCGAGCGCCCGAG  
CACTGTGAGTTAGTGGTGGACCTGTTTGTGCGCACAGTGCTGGTCTGCCTGACATGCATT  
TTTGGCCATCCTCATCCCCCGCCTGGACCTGGTCATCTCCCTGGTGGGCTCCGTGAGCAG  
CAGCGCCCTGGCCCTCATCATCCACCGCTCCTGGAGGTACCCACCTTCTACTCAGAGGG  
ACATGGGCTCCCCCTCACCATCTTTTAAGGACGCCCTGATCAGCATTCTTGGGCCTTCGA



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TGGGCCTTTGGTGGTGGGGGACCTATTGAGGCT

>SEQUENCE:5117:prostate\_MPM2000-004P1Novel007-2-Table1

TACTATAGGGCGAATTGGTGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTTTT  
TTTTTTTTGCTTTCCATTTTTTTTAGCACAAAGTATAAACTCTTTCACAAATACAAAAAT  
TAACCAGGCATGGTGGTGCATGCCTGTAATCCCAACTACCCGGGAGGCCGAGACGAGAA

>SEQUENCE:5118:prostate\_MPM2000-004P1Novel007-2-Table1

CGGCCGCCCGGGCAGGTATTTATCCGTAACTTTTTCTCCCCTGCGATTGGTAACATCCC  
TCCAGGCAAACAGCAGCTGAAAGGTTGTCAACTGCTGTGTGTTAAGGTGCTTCTTCTGCT  
TCCTATAGAGTTCAAGGTAGGACTCATC

>SEQUENCE:5119:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACGCGGG  
G

GACCTATGAGCAGAGGAAAATCGTGGAGTTCACCTGCCACACAGCCTTCTTCGTCAGTAT  
CGTGGTGGTGCAGTGGGCCGACTTGGTCATCTGTAAGACCAGGAGGAATTCGGTCTTCCA  
GCAGGGGATGAAGAACAAGATCTTGATATTTGGCCTCTTTGAAGAGACAGCCCTGGCTGC  
TTTCCTTTCCTACTGCCCTGGAATGGGTGTTGCTCTTAGGATGTATCCCCTCAAACCTAC  
CTGGTGGATTCTGTGCACTTCCCCTACTCCTCTTCTCATTCTTCGTAATATTGACGAAG  
TTCGGAAAA

>SEQUENCE:5120:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTTTTTTTTT  
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AGCTTTCCTCTCCCCACCCACCCCGGAGGTGCCGGGCTTTGAATCCTCGGGAGGAAAAAA  
TGGCAGGGCTGCAAGCTTCCTCCCCAAGTTTCCAGGAGCACCTGCCACCAGCCTTGAACA  
CCTCCCCACCGAGGCTCCGAAATCCACAATTCCTGGCTCGTAAACTTTGCCAAAACGG  
AGGGGA

>SEQUENCE:5121:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATTGGTTCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACGCGGGGAGCGTCATA  
A

ACTTTGAGTGCTTTAAAACCGCAGGTAACGATGGGAAAGGAACTCCTGTATTCACAGGGG  
AGGTTGACTGCACCTACTTCTTCACATGGGACACGGAATACGCCTGTGTTAAGGAGAAAG  
AAGAACCTCCCTTTGCGGTGCCACCGAACGGGAAGAAGACGCTATGACACTGTCCGCGCC  
TGGTCTCCGCCAT

>SEQUENCE:5122:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACAAAAGTCCC  
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GAAAACAAGTGCGTTTTATACAGCCTCTGCCACCCAGTGGCATAGTTTAAGGCTCTATAT  
TATATTTTAAAATTAAAGGTTTTTTTTCTATCATACACATCAATTTGGAACCTGCTGGT  
GACTCTTCTACCACAGAGGGTAAATAAAAAGACCAGTTTTTAAAGTAAGAGGATTCAGCT  
CATCTTATAAAAGTATAATAGTTTTTCGGCCAGACGTCCATTAACATCTGTTTAAATTAGA  
TACAGACACAATGCCAAATATTAGAATCATAAATGTAATTTTGGAGATAA

>SEQUENCE:5123:prostate\_MPM2000-004P1Novel007-2-Table1

GACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTTCT  
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CGCCGGAGCCATAGTCCAGGGGTGGGGGCTCATCCATGTCATTCTTCCGCTGGTAGTTTC  
GATACATAACCCAATGGAAGATTTCCAGCTGAAGCTCCTTGGCCCAGGAGCAGTGCCAGT  
AGGATAGTCCTACCCACTTGACAAAGAACTCTCGCTCTGATCTGCCTTGAAGAGGACGGG  
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>SEQUENCE:5124:prostate\_MPM2000-004P1Novel007-2-Table1

GAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAAAAGGCAACATACTGTAGGGTTCT  
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CCAGAGGGTGGGAGGAGGAATGAGTAACTGCTTAATGGGGATGGAGTTTCTCTGGGATG  
ATAAAAATGTCCTGGGACTAGATAGTGGTAATGGCTGCACAAAGTTATGAAGACACTTAA  
CATCACTAATGATAAATCTGACGTTATGCATACGTCACCACAGTAAACATACCCCTGCAG  
TGGAATAGGTTCTGAGACCATTTAGAGGTGCGACAGAAAATTAGAAGATTTAAAAAGAAA  
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>SEQUENCE:5125:prostate\_MPM2000-004P1Novel007-2-Table1  
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TGTTGGAACATAAGTTTTACATTTTTCATTTCCAACAGAGATTTGAATTTTAATGTCCCAG  
AAATTTAAAAAAGATGGCTTTAAATGTCCTATATGTTGGCAGTCCTCCCCTGAAAACCT  
TTTTGGCTTATCTTTGGTTCTGAGCTACAGTCTTCGCAGAGACTAAATTAGTGAAGTGGCC  
ACCATAAAAAAATTGCCCTCCTGGCTAAAA  
>SEQUENCE:5126:prostate\_MPM2000-004P1Novel007-2-Table1  
TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGCGGCAGGTACTTTTTTTTTT  
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CGCCTAAGCATAGTGTTAGAGTTTGGATTAGTGGGCTATTTTCTGCTAGGGGGTGGAAAGC  
GGATGATTAAAAAAATTCCTGCTACAACTATAGTGCTTGAGTGGAGTAGGGCTGAAACT  
GGGGTGGGGCCTTTTATGGCTGAGGGG  
>SEQUENCE:5127:prostate\_MPM2000-004P1Novel007-2-Table1  
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CAGGGGGATGCCGATGGAGGGAAGGGTCATGACCCCAAAGGCTGCCCAGTCCAGAAAATG  
AGGGGAGAATCGCCTGTCAAACCTCCCGCTGAGCCAGGATTCCTCCCTGTCCAGGTGCACT  
GGTAGAGCCAATCACAACGGGGCCCATCCTCCTGGGCCAGGTAAAGTAATTGTTGCCGAGGT  
GAAGTTGACCCGCGTACCTCGGCCGCGCCGCGGCAGGTACGGCCAGGGCTATTGGTTGAATG  
AGTAGGCTGATGGTTTCGATAATAACTAGTATGGGGATAAGGGGTGCNNGGTGTGCCTTG  
TGGTAAGAAGTGGGCTAGGGCATTTTTAATCTTAGAGCGAAAGCCTATAATCACTGCGCC  
CGCTCATA  
>SEQUENCE:5128:prostate\_MPM2000-004P1Novel007-2-Table1  
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G  
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GTGAGGACGCAGTGAGAAAACAGCTATCTACAAACCTGGAAGCAGACCCTCACCAGACAC  
CAAACCTGCTGGTGCTTGGTCTTGAACCTCCAGTCTCCAGAACTGTGAGAAATAAATT  
TTTGTGTTTATAAGCCACCCAGTTTACGGTATTTTGTATAGCAGCCCAAATAGACCAA  
GACAATACCAATATATACTTACTGACTGATGCTGCTTGAGCAACCAGCACAGCTTATGG  
TTCCTAAGGGCCTAGCACAGTGCCTGGTACCTCGGCCGCTCTAGAACTAGTGGGATCCCC  
CGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGT  
>SEQUENCE:5129:prostate\_MPM2000-004P1Novel007-2-Table1  
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TGGCTTCGGCAGCTGGACATGTCTCGGTCCCCTTCTTACTGGCTTACTGTTCAAGCAAGT  
TTGCTGCTGTTGGATTTTATAAACTTTGACAGATGAACTGGCTGCCTTACAAATAACTG  
GAGTCAAAACAACATGTCTGTGTCCTAATTCGTAAACACTGGCTTCATCAAAAATCCAA  
GTACGAGACATTGCTCACCTACAGTGACGTCGTGGGCGCGGATGTGCTGGACGAGGTGGT  
GACTGTGCTCAGTGACACTGCGTGGGACGCAGAGCTTGCAATGGTGAGAGAGCAGCGCAA  
CCGTCTGTGTGACCTTCTGGGCGGTACCTGCCCCGGG  
>SEQUENCE:5130:prostate\_MPM2000-004P1Novel007-2-Table1  
ACGTGCCGTACAATGCCGAAGCACGTTTTCAAGCTGGCGCAGGACCACGCCAAGGAAGGC  
GACTTCGTGATGGTGCTGGGCTACCCTGGCCAGACCAACCGCCACCGTCTGCCGTTTCGAA  
GTGGCCTTCACCTTCGACTGGAACCTATCCGGCCTTCGTGCAAGCCTCGGGCGAGACCCTG  
GCCATCATCGACCGCGAGACCAAGAACGACCCGGCCGCTCTAGAACTAGTGGATCCCCCG  
GGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTTCGACCTCGAGGGGGGGGGCCCGGTA  
CCCAGCTTTTGCTCCCTTTAGTGAGGGATAATTGCGCGCTTGGCGTAATCATGGTTCATAG  
CTGTTTCTGTGTGAAATTGCTATCCGCTCACAATTCCACACAACATACGAGCCGG  
>SEQUENCE:5131:prostate\_MPM2000-004P1Novel007-2-Table1  
CGCGGCGGCGGCCGACGTCCGATGACATGTTACCATGACACAAAACGACAATGACCAGGG  
CACCACACCAAGAATCATCTACCTGTATTACAACCAGACATTTGCACTCAAATAAAGAGG  
TGCTGCCGTATACTTATCCGGTGCTGGAGGCATCATGAATGGGAACCAGACACAGCTGGA  
AAGCAATCGGGTAACAGAGCGCCAACCTGTACCTGGGCGGCTCTAGAACTAGTGGATCC  
CCCGGGCTGCACGAATTCGATATCAAGCTTATCGATACCGTAGACCTAGACGGGGGGGGCC

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GGTACCCAGCTTTAGTTCCCTTTAGAGAGGGTTTATTGCGCGCTTGGCATAATCATGGGC  
ATA

>SEQUENCE:5132:prostate\_MPM2000-004P1Novel007-2-Table1

CGCGGCGGCGGCGGAGGTACATATAATTTGCCTGGCCGGGCACGGTGGCTCACGCTTGTA  
ATCCCAGCACTTTAGGAGGCCGAGGTGGGCGGATAACGAGGTCACAAGTTCTAGACCAGC  
GTTGCCTACCAAGTTTAGCAATTCCGGGAATGCCAACTGTCCTTACAGTCACTCTCGTAT  
TTGCTTAGCTATGAGAATAATTTGGGGCTAACTTCACCAAAAAAGAAAAACAGGCGAGAA  
CGTCACTCTAGTAACAATAAAAGCCACTGGATTTTGCTTTTCATCAAATGTGGCACCTTGT  
GAACCACCTTTCTTAAAAGTATTTATTTTAACTTTAAAAATTTCTGCCAAGTAGAGCTT  
TCTTCTTTTACACTGAGCAACCCACTTCAGTGCCAGCAGCCTACGGGACACAGAAGCCAGG  
CAATGGTTCTGGGACACAGTTTG

>SEQUENCE:5133:prostate\_MPM2000-004P1Novel007-2-Table1

GGCGGCGGCGGCGGAGGTACCTTTTTTTTTTTTTTTTTTTTTTTTTTACACGCACAATGGAAGCT  
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CACAGGTCCCATCCTCCTATCTTCTGGAAGTCAAGAAGTTCAAACCCGTTTCACTTGCA  
TCATATGACCCAAAGACAGATTGCCACCCTGTGGGTAAAGTCTACTCAGCAACATTTAC  
CTTCCTAACAACTTTTATGTTCAAGAGATAGCACCTAACGGGGGGCAAAAAACATGATTG  
GAACCACCTTTTCTCAATAAGAACTTTGTATAGGCCGGCGCTCTAGAACTAGTGGATCC  
CCCGGGCTGCAGGAATTCCATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCC  
GGTACCCAGCTTTTGTTCCCT

>SEQUENCE:5134:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCGGAGGTACGCGGGGGCAAG  
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CCGCTTCAGTTCTCCCGGTGTGGCCACGAGTCGGTAGCCATCCTAATGGATATGGGTTGG  
TTCCTGTTTTCTATTTGGAACCTTAAAAAAATTAAGCAGGTTGCACTGCTGTGATCCA  
TCCTCATCTCCTAAAGATGCATCCTGACTTATCTCCACACTTGACACTGAAGAATGCAA  
CGTCTTGATTAACCTTGCTTAAGGAATGTCACAAAAATCACAACTTCTGAAATTTTTTGG  
TTATTGTAATGATGTTGATCGGGAGTTGAGAAAATGCCTGAAGAATG

>SEQUENCE:5135:prostate\_MPM2000-004P1Novel007-2-Table1

AGGGCGAATTGGAGCTCTCCCGCGGTGGCGGCGCGCCCGGGCAGGTACTTTTTTTTTTTTT  
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TTTGAAGACTGTAGACCATTATTTGTAGTATTTCTCTCAAAGTGAATTGGTCTGTTCTC  
ATGATGAGGAGTCACATCAATATTTTGGCCAGGAATACTACATCAGGGATGTTGGGTTCT  
TCATTGCTTTCTAAACAGCTTTGTTCTCAAAAACCTTGGCGGCTACAAGGAATTAATGTG  
AATGGGAAAGGAAGAAAGAAAAACACAGATCATAGAAGCTGTGCCTTCGAGGAAATAAAT  
CCTCTTAAGGGGGGGGAGGTGTCCTCTTTGATCTGAGGGGCACACCTCTGGGAGAGAGGCCA  
GAGGCTGACAGTCAGCCTCGTCAGCCAGATGCGTCATCAGCCCTGGGAAGGGCTG

>SEQUENCE:5136:prostate\_MPM2000-004P1Novel007-2-Table1

ACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCGGAGGTACCCCATTAACCTGTGAA  
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TAAAAATTCAGAAGCTTGTCACCTCCTGTTAATGGGAGGATCAGTCACACATGTGTAGTAC  
TCTGCTATGGTGCTGGCTTCCTTTAACTCAGGATAGATGCCAGGTGGGCTCCGTTTCCG  
TAAGACTGACACTCGAGCTCGGCATCAGACCAGTTCCTCAGCTTCCTGAAGTAACCATAG  
CAATTGGACTTGTGGTAAAACCATCCAGGAGCACAGCTGGGTCTCATGATGATATCACCC  
AGGACTCCTGTTTTGGCCAGGCAGCTCAGCAATAGGAGCAGCCGCATGCTTCTGGAAGCC  
ATCTTCCTCCTACCCTGAGGATGTAGCTAGTGCAAGGATCTC

>SEQUENCE:5137:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCGGAGGTACTTTTTTTTTTTTTTTT  
TTTTGGAAGTAGAATACAGTTATCAAAACGTTAATTTCTAAGCATTAGCATTATGCAAGA  
AAAGAGCTGATAAATGGCAAGGAAGTAATTCATCCATGCATTTATTCATGCAATGACCTT  
TCAACAATTTTCTTTTTTTAATTCTACTCTGGTGCAAGGCCTCACTGATAACTTGGGGGA  
AGATGGCTGACAAAAAAGAAAGAAAGGGGAAAGGGGAAGGGCATGCGGAAGAGG  
AAGAGGAAGGGGAAGAGGAAGGGGAAGGAAAGAAAAAAGAAAGGAGGGAGGAAGGGGA  
A  
GGGAAGGACAAGGGAGGAAGGAAGGGTTATTACAGGAAGATGAACCTGTTAATGGCACAC



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TCAAAGGA

&gt;SEQUENCE:5138:prostate\_MPM2000-004P1Novel007-2-Table1

TACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACGC  
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AACCTCCCACCCCTGATACATGAACCAGTGATTAT

&gt;SEQUENCE:5139:prostate\_MPM2000-004P1Novel007-2-Table1

ATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACGGGGGAATGGAATGGAATG  
GAATGCAATGGAATGGAAGCTTCCGGAATGGAATGGAATGGAGTGGAATGGAATGGAATGG  
AATGGAATAAACCCGTTTGCAATGGAGTGGAGTGGAAATGGAATGGAATGGAATGGAATGG  
AATGGAATGGAATCAACTCGATTGCAGTCGAATGGAATGGAATGGAATCAACCCGACTGC  
AGGGCAATGGAATGGAATGGAATGCAATGGAATGGATTCAACTTGAATGGAATGGAAGA  
ATGGAATGGAATGGAATGGAATGGAATGGAATGGAATGGAATCAACTCCATTGCAGTCGA  
ATGGAATGGAATGGAATTAACCCGAATAGAATGGAATGGAATGGAAATGGAACGGAACGG  
AACGGAACGGAATGGAATGGAATGGAATGGAATGGAATGGAACGGA

&gt;SEQUENCE:5140:prostate\_MPM2000-004P1Novel007-2-Table1

GACTCATATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGTAGTA  
AACTTGGAACCTTGGAATGACCAGGCCAAGACTCAAGCCTCCCCAGTTCTACTGACCTT  
TGTCCTTAGGTGTGAGGTCCAGGGTTGCTAGGAAAAGAAATCAGCATACACAGGTGTAGA  
CCATAATGTTTC

&gt;SEQUENCE:5141:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTTTTTTT  
TTTTTTAGTAGGGACGGGGTTTCACCATGTTGGCCAGGCTGGTCTTGAACCTCCTGACCTC  
AAGTGGTCTGCCACCTCGGCCTCCCAAAGCACTGGGATTACAGGCATGAGCCACCATGCC  
CGGCGCATCACTCTTTTTAATTTTTTTTTTAAGTTGCTTCTTCCATTCAAGCCTAAGCTG  
GAAACACCACTGTCTGATAAACAACCTGGCCACACCAACGACATGGTAGGCCAGGGGGTGAT  
AGCAATCTTCCAGTAAATCAGCTTTTCAGTCTAAACATAACAGTCATCCTACTTGAAAGA  
AATGTGTCCCTGGGGACAACCTGTGAGCCTTAGCCTTCTGTAGGGAGAAGCACTCTTGAA  
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&gt;SEQUENCE:5142:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACACCATCCCTTCCATTG  
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CAGTGGAAGAAAGCCTGCGTAAAGAGCTGGTGGATATGCTAGGTGATGATGGTGTGTTCT  
TATATCCCTCACATCCCACAGTGGCACCTAAGCATCATGTCCCTCTAACACGGCCCTTCA  
ACTTTGCTTACACAGGTGTCTTCAGTGCCCTGGGTTTGCCTGTGACCCAATGCCCACTGG  
GACTGAATGCCAAAGGACTCCCTTTAGGCATCCAGGTTGTGGCTGGACCCTTTAATGATC  
ATCTGACCCTGGCTGTGGCCCAGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGC  
TGCAGGAATTCGATATCAAGCTTATCGATACCGTCG

&gt;SEQUENCE:5143:prostate\_MPM2000-004P1Novel007-2-Table1

CGACTATATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACCACT  
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GCCCTCCCCCATGCCATCCTGCGTCTGGACCTGGCTGGCCGGGACCTGACTGACTACCTT  
ATGAAGATCCTAACCGAGCGCGGGTTACAGCTTTAACCAACACGCGCGCTTCTAGAACT  
AGTGGGAATCCCCCGGGTCTGCAAGGAATTCGATATTCAAGCTTTA

&gt;SEQUENCE:5144:prostate\_MPM2000-004P1Novel007-2-Table1

GGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACTGAAGAAGAGATGCTGTGGTTG  
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GATTTGTTTTCTCTCTCCTGGGTTTTAGATCTTAATTCTCGTTCCTTGTTACACCACT  
GGTATGCTTTATCCTGGTGTTCCTCAAATGCTCTGATTTGTCAGAGTTGTTGCCTGTGAA  
TGGGAGGATGGACCAGCTGGGATTAGCCTTTGCGCTGTCTTGGGAAGGAACCATTTTGGG  
TTTATTTTTCGTTGCGTCTAGTGCTTTGACCTTCTTGGCATGTTTACTTCCTTTGTAGTG  
GGCCTCGGCCTGGCTATCTGAGTTAAAGCGAAGCTGACAGACATTACAAGAAATAACTTG  
TTTCTTCTTTGGGGGAATGGATACTCCAAATGTATGGTTAATAACCGCTTTTGCACAGG  
ATCCATTGTGTTAAATTTGGAAAGAGCCCAACAG

&gt;SEQUENCE:5145:prostate\_MPM2000-004P1Novel007-2-Table1

CTCTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCA

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GGTACAGAGGGCTGGGGAGAGGATGCAAAGCTGCAGTTGGATGAAGATGGGTTTGTGGAG  
GCTACAGAAGGTTTGGGGAATGATGCTCTTGGCAAGGGACAGGAAGAAGGAGGTGGCTGG  
GATGTAGAAGAAGATCTGGAGCTCCCTCCTGAACCTGGATTTTATCCCCTGGGGCAACTG  
GTGGGGCTGAAGATGGTTTCTTTGTGCCCCCAACCAAGGGAACAAGTCCAACCTCAGATCT  
GGTGTAATAACTCTCAGCTTCCAGTTGATCACATCCTGGCAGGCTCTTTCGAAACAGCCA  
TGCGGCTCCTTCATGACCAAGTTGGGGTAATCCAGTTTGGCCCCTACAAGCAACTGTTCC  
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>SEQUENCE:5146:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACGCGGGTATGCTTGAC  
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TGTCAGCTGACACATGGGACACTCCTGAAGAGGTGACTGGCCCCCACCCTGTTTGGCGG  
TGAGTTTCCGCACCATCGGCCTCAGAAGTGTCCCTCTTGCTTCGTCTCTTGTTGCTTGC  
TTTGTAATACTTTGGTCCCAAGCTGAGACAATTGCTGTGTAAAACGTGAAGAGTCAATC  
CCAAAGGGTGTTATTTGTGAGAAGAACTTGCCGTGTGCCTTCACCGAAGGCAGTCAAGTC  
TGCAGTTGGATTTTCTCACTGGTGAATGACAAGAAACAGGGATAATTTTGCACTGCGGA  
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>SEQUENCE:5147:prostate\_MPM2000-004P1Novel007-2-Table1

GGAGCTCCATCCGCGGTGGCGGCCGAGGTACGCGGGTAAGTATAGACTAATTAACCTAAG  
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GACAGGGGTCCCTCTTTTTTCCCCACCTCTGTGCGCCAGGCTAGAGTATAGTGGTGTGAT  
CTTGCCCCACTGCAACCTCTGCTTCTAGGTTCAAGTGATTCTCCTGCCTCAGCCTCCCA  
AGTAGCTGGGATTGTAAGAGTATGCCACCACGCCAGCTACTTTTTGTATTTTAGTAGA  
GACAGGGTTTCATCATGTTGGCCAGGATGGTCTTTAACTCCTGCCCTTAAGTGATCCAC  
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AGCCTACTTTCTAATTAATT

>SEQUENCE:5148:prostate\_MPM2000-004P1Novel007-2-Table1

CTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTGCAGCCACGTT  
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GTTGCCTTAGCTTAGAACGCTCTTTCTCCATATAGCCGCAGAGCCCGCTCTCTCACCTGA  
CTCATGTCTCTGCTCAAATGTTAATGATCAAGAGGCAGTCCCCGGCCTCCCCCTTAAAT  
TACAACCTGTCACTCTCCAATCCTTTCTCACGATTTTCTCAAAGCACTTACCGCTAAC  
CAACATTATATCTAAATTTTTTTGTCTCTTTTTATTGGAATGTAAGTTTCATGTAAGCA  
GGAAGTGTATATCACTGCTATACCCTCAGCATTAAACAATGGCTGTACCTCCGGGGTG  
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>SEQUENCE:5149:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTAATACTCCTGTTAAATTCAAC  
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ATAAATTACTTATCTATAAGAACAATTATAGAAGGAATCTAAATGGGGCAATTTTAACAA  
ACCAGGCAAAATATCATATACCTGAATATAAGGTAAGTCCAAGCCATGAGTATAAGAT  
TAAGGCAGTTACTTTATTTTGAACAAGGAAGTGGCATAAGCAACTCAGTGTGTGCCCTT  
AGGGTGGGAGCTCTTCCCCCTACCACTCCCCACCCCAAGGCATCATTTTGGAGAAAAAAG  
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>SEQUENCE:5150:prostate\_MPM2000-004P1Novel007-2-Table1

TACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTCAATACAT  
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AAATAGTTACTCTCCCAGGTTGCCTTTGTGATGGATGGCCGGGGTTTGGGCTTTGGTTTC  
TAGTGTTCTCCTTAGGCTGCGAAGAATATTCCTCCTCCGCGGGTCTTCGTCTGTTTCG  
TATGGAATGACAGCATTGTCCCCTTTATAACCCCGGGATGCCTGATCCTCCTCTTTCTTC  
CGGATGGGCCCCAGCTCATCATCACTCCCCACGCTGAAGCTGGTCCGGTAAGTACAAAC  
CGCCCCAGCCGGGTGCATCTCGTCCTGTACCTGCCCGGGCGGCCGCTCTAGAAGTGTGG  
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>SEQUENCE:5151:prostate\_MPM2000-004P1Novel007-2-Table1

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CACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGAGCCGCCAGGAGCAGC  
C  
GCTGGAGTGCGAAAACGCTCTCAATTTTCGGGTCTCAAAGACCCACAAGCCCACACCACG  
CAGGCCGGGACAGGAAAGAGTCCCCCGCGTACCTCGGCCGCTCTAGAACTAGTGGATCCC  
CCGGGCTGCAGGAAGGCGAGATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCC  
G  
GTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCA  
TAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAGCCGGG  
AGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTAACTCACATTAATTGCGTTG  
CGCTCACTGCCCGCTTTCCAGTCGGGAAACCTGTCGTGCCAGCTGCATTAA  
>SEQUENCE:5152:prostate\_MPM2000-004P1Novel007-2-Table1  
GACTCACTATATGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATGGTGAAAG  
TGCCTTATACAGGTTGAATAAAAATCACTGCCATTTTCAGAATATTGATGGCACCTGAGG  
ACTTGAAATTGTGTCCAGAACTGGTGGGTTCTTGGTCTCACTCACTTCAAGAATGAAGCC  
GCGGACCCT  
>SEQUENCE:5153:prostate\_MPM2000-004P1Novel007-2-Table1  
ACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTTTA  
CAATTCATTCGTGAAGCTTTAGCCAAAGACCTTGAAAATAACAGTTGTGCTCTTCCAGT  
TTTCATATGTGAATTCAGTGCAAGAACTTGGTGTCTGTTTCTTTCTTTTAAGCTCTATG  
CAATCATGCAAACATAGTGATCATAGCGTCAACATGGTCTGGAGTGTGTTGCAGACTACA  
GAACATTGTTCTCCCTTCAAGCGCTGTAAAGCACCAACCCGGATAGTGGCAAGGCACAGT  
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TATGGTTTCGC  
>SEQUENCE:5154:prostate\_MPM2000-004P1Novel007-2-Table1  
GCGCGTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGG  
G  
CAGGTACAGGGAAGGCCTTTTCGGGCAGGGGCACATGGTTCCTGCCCCATGACGTGATACC  
TTGAAGCACACCATTACAGACAAGTGGGCCCCCATTAATCACCCGAGCAGGTGCTTTTGC  
CCCCTGTCCAGCGTCCAGCACACAGCATGAACTTGGTCACCTTCTGAGGGTGAAGTTGCG  
CACACACGTCATTGGAAATAACATGGAGGTCCACACACTGAAGTTTCTTTGGGGTCAAGA  
ACTCCTCTGGTTCAATGCTGCCCCAGCCTGAGGCGTAGCAAATGGTCCCCAGTGCTGGCT  
CCTGGGTGGGCAGGTCCATGACCTTCACAGCATCCGTGAGCTCGGCAGGCTCTGACAGGC  
GGAACAACATGAGGTCGTGGCTGGAGTCATCACCTGGCCTGAGGAATCGATTCTTT  
>SEQUENCE:5155:prostate\_MPM2000-004P1Novel007-2-Table1  
CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACT  
G  
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CAGTCAACGTTACAACGGAAGTAAATCTGTGAAATGCACCATGAAGCTTTGAGTGAAG  
CTCTTCCTGGGGACAATGTGGGCTTCAATGTCAAGAATGTGTCTGTCAAGGATGTTTCGTC  
GTGGCAACGTTGCTGGTGACAGCAAAAATGACCCACCAATGGAAGCAGCTGGCTTCACTG  
CTCAGGTGATTATCCTGAACCATCCAGGCCAAATAAGCGCCGGCTATGCCCCTGTATTGG  
ATTGCCACACGGCTCACATTGCATGCAAGTTTGCTGAGCTGAAGGAAAAGATTGATCGCC  
GTTCTGGTAAAAGCTGGAAGATGGCCCTAAATTCTTGAAGTCTGGTGATGCTGCCATTG  
TTGATATGGTTCCTG  
>SEQUENCE:5156:prostate\_MPM2000-004P1Novel007-2-Table1  
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AATTGCCCAGCTAGAAGGCAGGACACATTTGCCAGCAGGGGGCCGTTTGCCCCCATGTGT  
AAGGGAGGCAGGGCCCATCTCTCCACGGCGAGGTTGAGCTGATTACTTTCTGAGAACAG  
TTAGAGTGGGTGCGTGATCTGAAATGGGTACCT  
>SEQUENCE:5157:prostate\_MPM2000-004P1Novel007-2-Table1  
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TATACATGAAAAGATTTGACCATTTTGCAATCATTGATTGTGGCTCTTGCCATCTCGTGG  
CATCCAGGATCCTGGCTGAAAGGTTTTACCAGTGCTGCTGGGAGCCACTGAGGGTTTTTC  
CTTCCAAAGTATGGAGCATAGGCATGGCCTTTAATTTGAGTTTGAAGTGGTGGAGGCAG



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GAGTTCCTCACTGGTCTCTTTACTAAGGAGTTTTTCTTTTTCATAAAAATCTTGGCTTTT  
TATTTTGATTTCTTCTCTGTGTTTTTCAATCTTTAGTATTTCTCCATAGTAGGTGGAGT  
CTTTCTTGTTCTTCTAATCCAAGCTTCCCATTCTGTTGGAATATCCCCTGCTTCATAGAC  
TACTTCTTT

>SEQUENCE:5160:prostate\_MPM2000-004P1Novel007-2-Table1

ATATGGCGAATTGGAGCTCCACCGCGGTGGCTGCCGCCCGGGCAGGTACTTTTTTTTTT  
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GGGGGTCAATGGAATTTTATCCTAAATACTGGCATAAATCTGAGTGCTCGTCTTTCCCCA  
AATAATGATGTTTCTAAATGGGAAGTTCATTAGAAACATTCTTCTCTTCTTCATCTCTTA  
GGGTGATAGCTAGCAACATAACCCTTCCTTATCTACGAAAATTATTTCTTAATTATAAGAA  
TCATCATTAAGTTTATCATTTCTTTTTTTTTTCCAAAGTGTAATAAAAATACAGAATTTGC  
AGGACATGAAACAGAAGAGGAGAGAAAGGAGTTTTATAAAAAAGTGAGATCCGCGTACTGG  
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TGGGCT

>SEQUENCE:5161:prostate\_MPM2000-004P1Novel007-2-Table1

TCACTATAGGGCGAATTGGAGCTCCACCGTGGTGGCGGCCGAGGTACTTTCCTTGACAGG  
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TCTTCCCGCCCCAGGCCTTCATGGCAGAGGCCTGCAGGGCTCGGCCGAGGTACGCGGGTA  
TCCTGAGGAGCAGAATGCCTTCTGCCAGCTTTCTTCACATGAGACCACCAGTCCTCCTTT  
CA

>SEQUENCE:5162:prostate\_MPM2000-004P1Novel007-2-Table1

ATTGGAGCTCCACCGCGGTGGCGGCCGCTGGTCTTGGCGCTCCTGCTTGTGTCCGCCGCT  
CTATCCAGTGTTGTATCACGGACTGATTCACCGAGCCCAACCGTACTTTTAGTAGAGACA  
GGGTTTCACCATGTTGGTCAGGCTGGTCTTGAACACCTGATCTCAGGTGGTCCACCCACC  
TCGGCCTACCAAAAGTGCTGGGATCACAGGCGTGAGCCACCATGCCTGGCCTATTTAATC  
TTTTCACTAGTGTGTCAGGTCCTTCAAGGCTATGCTTCTGATTGCCACACACTTTACTT  
CTGAGTATTTTCATATTTTACGGGTAGGTAGGGTACCT

>SEQUENCE:5163:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCGGCTCA  
GTTCCCGAGGCCCGAGAGCCCCGCGTCCCGGCTCCTTCAGCCTCACTCGCCACAACCAACC  
ATCCTCCAACCTGCACAGAGGACCCGGGAGTCCGGATGGCGGGCGGATACCGGCAGTGCG  
G

GAAACCACTTACCTGCTGCTCTCCAGAGACGGCCGCTCTAGAACTAGTGGATCCCCCGGG  
CTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACC  
CAGCTTTTGTCCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCT  
GTTTCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAGCCGGGAGCAT  
AAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTAACTCACATTAATTGCGTTGCGCTC  
ACTGCCCGCTTTCCAGTCGGGAAACCTGTGCTGCCAGCTGCATTAATGAATC

>SEQUENCE:5164:prostate\_MPM2000-004P1Novel007-2-Table1

ACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTT  
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CCCAATCTCCTTCAGCTGGGCCACCAGGTCTCAGTGGTCTCCACCTTGACGCCGGCCGC  
TCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTC  
GACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCG  
CTTGGCGTAATCATGGTCATAGCTGTTTCTGTGTGAAATTGTTATCCGCTCACAATTCC  
ACACAACATACGAGCCGGGAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTA  
ACTCACATTAATTGCGTTGCGCTCACTGCCCGC

>SEQUENCE:5165:prostate\_MPM2000-004P1Novel007-2-Table1

CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCCGCCCGGGCAGGTACG  
C  
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T  
CTGGGGCCACTTGGTAGTGTCCCCAGCCTACCTCTCCACAAGGGGATTTTGCTGATGGGT  
TC

>SEQUENCE:5166:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTGCCACAGCCTTGGT

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CCCTGGGGGCTAGACTGCTCAACTGTGGAGCAATTCATTATACTGAAAATGTGCTTGTTG  
TTGAAAATTTGTCTGCATGTTAATGCCTCACCCCCAAACCCTTTTCTCTCTCACTCTCTG  
CCTCCAACCTTCAGATTGACTTTCAATAGTTTTTCTAAGACCTTTGAACTGAATGTTCTCT  
TCAGCCAAAACCTTGGCGACTTCCACAGAAAAGTCTGACCACTGAGAAGAAGGAGAGCAGA  
GATTTAACCCTTTGTGAGGCCCATTTGGATCCAGGTCTGCTTTCTCATGTGTGAGTCAG  
GGAGGAGCTGGAGCCAGAGGAGAAGAAAATGATAGCTTGGCTGTTCTCCTGCTTAGGACA  
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>SEQUENCE:5167:prostate\_MPM2000-004P1Novel007-2-Table1  
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G  
AGGAAACCGCAGATAAGTATTTTTCTCTTTGAAAGATAGAGATTAATACTACTTAAA  
AAATATAGTCA  
>SEQUENCE:5169:prostate\_MPM2000-004P1Novel007-2-Table1  
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TATAATATAATCTGTTTTATTTTACACTTCTCTGATTATTGAAATCTAAATAGAGGTTTT  
TGCTAACAAACAAAAAGGATAATTAAGACAGCAAGGACACGATTAAATGTTGAGTGCA  
AATGAAGGGTTGTATGAGGCCCATCCTGGGGAGGCTGTACCTGCCCGGGCGGCCGCTCT  
AGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGAC  
CTCGAGGGGGGGGCCCGGGACCCAGCTTTTGTTCCTTTAATGAGGGTTAATTGCGCGCTT  
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>SEQUENCE:5170:prostate\_MPM2000-004P1Novel007-2-Table1  
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CCCGAGACTGCAGAGGCGAAGTGCGCGGCGCCAGGCCTTCCAGCAGCAGTCCCGAGCA  
G  
AGGACTGGCCAACCAAGCGCACCAGGTGACACTTCAGTGAATGGCCCTGTATGACGGGTG  
ACGTCTGCTGCTGCTGACTGAGGACTGCAGACCGCCACCACTCAGGGGCTCTGGAGGGGT  
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>SEQUENCE:5171:prostate\_MPM2000-004P1Novel007-2-Table1  
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TGGGAAAGCTGGTGCTGCTGCTGCCTGATTCCCGCCGACAGACCTTGGGACCGGGGCCAA  
CACTGGCAGCTGGAGATGGCGGACACGAGATCCGTGCACGAGACTAGGTTTGAGGCGGCC  
GCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCG  
TCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCG  
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>SEQUENCE:5172:prostate\_MPM2000-004P1Novel007-2-Table1  
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CGATCTCAGCTCACTGCAAGCTCCAACCTCCGGGTTCACGCCAT  
>SEQUENCE:5173:prostate\_MPM2000-004P1Novel007-2-Table1  
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AATGCTAGGGGTGTTGGTTACTACTTGTATTGCTTTTAGGCATTTCCAGGAGAGAGTGC  
TAGAAAATATTTTTACTAAGGTAAAAAATAAATTATGAGCCAGGAGTGGTGGTGGTGTA  
ATCCCAGCACTTTGGGAGGCTGATGCCAGTGGATCACCTGAGGTTGGAGTTCAAACCCAG  
CCTGACCAACATGGAGAAACCCTGTCTCTACTAAAAATACAAAATTAGCCGGGCATGGTG  
GCACACGCCTGTAATCCCAGCTACTCATGAGGCTGAGACAGGAGAATCGCTTGAAGTGGG  
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>SEQUENCE:5174:prostate\_MPM2000-004P1Novel007-2-Table1

ACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGTGGGTGAGTTGGCTGCCG  
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TCCTACCCTCGCCATGTTTCTTACCCGGTCTGAGTACGCGGGATTGAAAACTTTTTGAG  
CGTTATGGTGAAAATGGAAGATTATCCTTTTTTGGTTTGGAGAACTTTTAACAACTTG  
GGCCTTGGAGAGAGAAAAGTAGTTGAGATTAATCATGAGGATCTTGGCCACGATCATGTT  
TCTCATTTAGATATTTTGGCAGTTCAAGAGGGAAAGCATTCTTCACTCACATAACCACCAG  
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AAC

>SEQUENCE:5175:prostate\_MPM2000-004P1Novel007-2-Table1

TGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGAGTCTCTTTGGAACTTCTGCAGG  
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TCATTACCCCTCCTCCGTTTTTACCCTTCTCCGGAAGTTCGCGTAGAACCTGCGAATTTG  
AATAGGAGGTGGCAAAGTGGGAGAAAAGAGGTGTTAGGGTTTGGGGTTTTTTTGTATTG  
TTTTTGTTTTTAATTTCTTGATTTCAACATTTTCTCCACCCCTCTCGGCTGCAGCCAAC  
GCCTCTTACCTGTTCTGCGGCGCCGCGCACCGCTGGCAGCTGAGGGTTAGAAAGCGGGGT  
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CGCCATCTTCACTGCATCCGATCTCATTATT

>SEQUENCE:5176:prostate\_MPM2000-004P1Novel007-2-Table1

ACTCATATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTAAGTCTCGG  
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ACCATGGTGACCACAGGTGACGGGGAATCAGGGTTTCGATTCCGGAGAGGGAGCCTGAGAA  
ACGGCCTAACCACA

>SEQUENCE:5177:prostate\_MPM2000-004P1Novel007-2-Table1

TTGGAGCTCACCGCGGTGGCGGCCGCGCCGGGCAGGTACTTGATTAAGGTAGCGTCTGCTG  
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TGAAACTATTAATATTGTGGAAGTGGGCACAGTGGTGGCTCACGCCTGTAATCCCAGCA  
CTTTGGGAGGCTGAGACGGTTGGATCACTTGAGGCCGGGAGTTCGAGACCAGCATGGGCA  
GCATGGCAGAACCCCATCTCTTTCTTTTTNAAATTAATAAATAAATAAGTACCTCGGC  
CGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACC  
GTCTACCTTTAGGGGGGGGCCCGGTACCCAAGTCTTTGTTCCCTTTT

>SEQUENCE:5178:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGCTCACTCTTTG  
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AGCGAGACCACGAACCCACCAGAAGGAAGAATCTGTGAACACATCCGAACATCAGAAGG  
AACAACTCTAGACATGCCGCCTTTAAGAACTGCAACACTCACTGCGAGTGTCCGCGGCT  
TCATTCTTGAAGTCAGTGAGACGAAGAACCACCAATTCCAGACACATTTTGGCGACCTA  
GATGGGACAATCGCCTATCACCGAGTGGTGAGACCATCGCCTATAGCTGAGCGGCGAGAC  
AATCACCTATCGCCAAGCAACAAGCAGATGAATGGTGAAACGATACAGCAGAGAAAGAGA  
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>SEQUENCE:5179:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTCTCTGAGAAAGATCGT  
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ATTGTACGCCATTGCGTTCTGGAATGGCAGAAAAAGGAAATATCATTGGCAGCCGCATCT  
AAGAACTCTGTGCAGAGTGGAGAATCAGATAGTGATGAAGAAGAGGAATCCAAGAGCCC  
CCTATCAAGCTTCCAAGATTATTGAGGTTGGCCTTTGTGAAGTTTTTGAATTGATCAA  
GAGACACGATTTTCTCATCCATCCCTGTGTCTCAGGAGTCTCCAAGCCCTGCTCAACGTG  
CTGCAGGGCCAGCAGCCAGAAGGCCTCCAGTCTGAGCCACCTGAGGTCCTAAAGACTCTC  
TTCCAGCTTCTTTTGGAAATCACCGTTTGAAGTACCTGCCCGGGCGGGCGCTCTAGAACT  
AGTGGATCCCCCGGGCTGCAGGAAT

>SEQUENCE:5180:prostate\_MPM2000-004P1Novel007-2-Table1

GACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATGTGGGAGAA  
AACTTAAGTGTGATGAGTGTGGTAAGGAATTCAGTCAGGGCGCTCATCTACAGACCCAT



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CAGAAAGTCCACGTGATAGAGAAACCATACAAATGTAAGCAATGTGGGAAAGGTTTCAGT  
CGTAGATTAGCACTTAATGTTTCATTGCAAGGTCCACACGGCAGAGAAACCTTATAATTGT  
GAGGAGTGTGGGAGGGCCTTCAGTCAGGCCTCTCATCTTCAGGACCATCAGAGACTCCAC  
ACTGGGGAGAAAGCCATTCAAATGTGATGCATGTGGTAAGAGCTTCAGTCGGAATTCACAT  
CTTCAATCCCATCAAAGAGTTCATACAGGAGAGAAACCATACAAATGTGAGGAGTGTGGT  
AAGGGCTTCATTTGTAGCTCAAATCTTTACATTCATCAGAGAGTCCACACAGGAGAAAAA  
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>SEQUENCE:5181:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGGA  
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CCTGCTTGTGCGCAAGGCAGGAAGTGAGTTTCTCACTGCAATTCCGGGCGGTGTCACGAG  
TGAAAAGATTTGTTCTTTTTTTTCGGCTGAGATCCTAGCTGGGGCTGGGAAACTCCTGCA  
CAACTCTAGACCAGGAAGCCAGCCCGTACCCCAACCCCCACCAAAGCCACCTGCTCTTCT  
TCTGTGGGAGGCCAGTCCACATTCGCTCTCACCCGAGAGAGATATTCAGCTGGATCCAAA  
ATGACTGATCAAGGGAAGGAAATCATGTCAAGCGAAGCCTTGAAAAAGCTGCCCTG

>SEQUENCE:5182:prostate\_MPM2000-004P1Novel007-2-Table1

GGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGGATCCTGCTTCTCGCCAAGGCAG  
G

AAGTGAGTTTCGCACTGCAATTCCGGGCGGTGTCACGAGTGAAAAGTTTTGTTTTTTTT  
TTCCGCGGAGATCCTCGTTGGGGCTGGGAAACTCCTGCAGAACTGGAGACCAGTATGCCA  
GACCGCTCCCAAACCCCCACCAAAGCCACCTACTCTTCTTCTGCGGGAGGCCAGTCCACA  
TTCGCTCTCACCCGAGAGAGATATTCAGTTGGATCCAAAGTGAAGGGAAGGAA  
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>SEQUENCE:5183:prostate\_MPM2000-004P1Novel007-2-Table1

GGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACGGTGATATTGGCGG  
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CTTAAGGACATCGAATTGTTTATCAGGAATAAAGTATTATGTGTGTTTTCTGCGGCCCTG  
GATAATGTTGTAGCATTGAGGGTCGATTGAGTAAAAAAATGTAGAGATGGTTTCCTGTT  
TGTTTTTGCTTCTAGTTTTTCATTCATTTGCTATTTATTCTTCTGGCTTTGCTTGTGTA  
TGCATATATATAAAACCATTAATTATTATTCATTATGCTTAGTATCTAGTGGAAGGCTT  
TTATTCGGTTCTGTGAATAGTCATTTTGTTTCCTAAGAACTTCCAGCAAGTTGTATTCAT  
TCCATTCATCTAGAATT

>SEQUENCE:5184:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACT  
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GAAAAGTCTTGTTTCCCAAACGCTGTGCCTTTCTCCTC

>SEQUENCE:5185:prostate\_MPM2000-004P1Novel007-2-Table1

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACGCGGGACCCCAA  
C

CTGAGCACATCCCTCGACGATGCCTTCCTGCTGCGCTTCCTCCGAGCCCGCAAGTTTGAT  
TACGACCGGGCCCTGCAGCTCCTCGTCAACTACCACAGCTGTAGAAGAAGCTGGCCCGAA  
GTCTTCAATAACTTGAAGCCATCAGCCTTAAAGATGTCCTTGCTTCCGGGTTTCTCACC  
GTGCTGCCCCACACTGACCCCAAGGGGCTGCCATGTCGTCTGCATCCGCCAGACAGATGG  
ATACCAAGCAACTATCCAATTACTGAAAACATCCGAGCCATATACTTGACCTTAGAAAAA  
CTCATTCACTCTGAAG

>SEQUENCE:5186:prostate\_MPM2000-004P1Novel007-2-Table1

TTGGAGCTCACCGCGGTGGCGGCCGAGGTACAAATCCTCTGAAGCCTTTGCAGTTCCAGT  
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CTGGTGCAACTACATTCATCTAATTTTCTTTCTTGCTACCTCTTTAGCAAGAGCACGTG  
AAAATCCAATAATCCTCCTTTACTGGCACTGTAAACGGACTGGCCAGAGTTGCCTTTTA  
AGCCAACAATGCTTCCTACATTAACAATAGACCCTCCCTGTTGTTGAATCATAGTCCTCA  
TGGCAGCTTTACAGGTCAGCATGGAACCCAAGAGGTTAGTATGAAGCTGAGATACCATAT  
CTTCAGTTT

>SEQUENCE:5187:prostate\_MPM2000-004P1Novel007-2-Table1

GTGGCGGCCGAGGTACAAATGCAAACAGTGCCGCTTCCAGTGCTACCCACACGGGTGCAGC

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CTCACGGGAGAGTTGCGGAGAGAGGGAATGCGTTCAGTTCAGCCAGCGGACGGCCAGGG  
G

TAAGCGGCCCCTAGTGGGTCACATGGCCTATGATGTCTGGAGACCGCAGATCTTCACCCT  
CTGGAGTCTCATTTCAGAGTCTCATTGTGCGTCCGGTCACTGTGGCCACCTCACCCTCG  
TCACCACGGGCCTTTCCTGTGCCGTGCTCACTCTGACACTGAGATGCTGCCAGGCAGTTT  
TTTTTTTAAAATCAGTGGAGTAAGTTCTAAGGGAGCCCCATGTGCTTAAGATAAAAACGT  
AGCTGGTAAAGT

>SEQUENCE:5188:prostate\_MPM2000-004P1Novel007-2-Table1

TGGAGCTCACCGCGGTGGCGGCCGCGCCGGGCAGGTACTGTAACAAAAAGCTGGCTTTAGG  
CGTGGCTTGTAGAATCAATCTAACTACTAGACAAGTTACATCTCATATATGTGTGGCTTC  
TTTTCTTCTTTTGGGGGGCTACAAGGAAGGTTTGGAGAAATTATTTCCATCATACCTTT  
TTGTTAGCCTTTTTCCATTTCTGGCCAGTAAGTAATCCCGTTCCTGACAACAGTCCCTTT  
GTTTTCTCAAGTGGTCTGATGAAGGACTGCAAACCACAGCTCTTGTGTTTTTGCACCAT  
GGGTTTTAAAATCCGTCTTTGCCTCCCACAAGGAGCTACTACCCAA

>SEQUENCE:5189:prostate\_MPM2000-004P1Novel007-2-Table1

TTGGAGCTCACCGCGGTGGCGGCCGCGCCGGGCAGGTACTGAGTGAAGACACCAGAGTGA  
A

GGAGAGAGGCCATGCTGTGTCCGAGAAGCTCCTACTGGGGTGAAGGGACAGCTCCACAA  
AGGCTGCTCTTGCAAGGGGCTCTCCTGCAGCAAGGTGCCTGCTGACTGTCCCAGACTGTC  
TCCCGACACAGAGGGATGCAAAGGCAGCCTCTTCTGCTCAGTGAATAGGGAAATTATA  
TCACCTTTCACCTCCCACTCTCACTTCTGCCCCTGCTACCCTTAGTCTTTGGCTTTTGCT  
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>SEQUENCE:5190:prostate\_MPM2000-004P1Novel007-2-Table1

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACCC  
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ATTAAACCAGAGCAAAAACTACCTTCTGCAGGTCAGGGAGCTAATGACATGGCATTGGC  
CAAACGTTCCCGCAGTCGAACTGCTACAGAATGTGACGTTGCTATGAGCAAGTCTAAGTC  
AGACAATCAGATCAGTGACAGAGCTGCTTTGGAGGCCAAAGTGAAGGATCTTCTCACACT  
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>SEQUENCE:5191:prostate\_MPM2000-004P1Novel007-2-Table1

GGCGAATTGGAGCTCCACGCGGTGGCGGCCGAGGTACTTTTTTTTTTTTTTTTTTTAGG  
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TTTTATTTATAATCATAAACTTAACCTCTGCAATCCAGCTAGGCGTGGGAGGGAACAAGG  
AAAACATGGAACCCAAAGGGAAGTGCAGCGAGAGCACAAAGATTCTAGGATACTGCAAGC  
AAATGGGGTGGAGGGGTGCTCTCCTGAGCTACAAAAGGAATGATCTGGTGGTTAAGATAA  
AACACAAGTCAAAC

>SEQUENCE:5192:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTT  
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AGATTCTGAATTGGCTAAAAGACATGCATTTTTAAACTAGCAACTCTTATTTCTTTCT  
TTAAAAATACATAGCATTAAATCCCAAATCCTATTTAAAGACCTGACAGCTTGAGAAGGT  
CACTACTGCATTTATAGGACCTTCTGGTGGTTCTGCTGTTACGTTTGAAGTCTGACAATC  
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CAGC

>SEQUENCE:5193:prostate\_MPM2000-004P1Novel007-2-Table1

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CAAATTTGTGAAAATTAAACGAGATGTGGAAGGAGAACCTCAGTGATTTTATTCCCTAGT  
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>SEQUENCE:5194:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGTGGGCG  
C

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>SEQUENCE:5208:prostate\_MPM2000-004P1Novel007-2-Table1  
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TTTTTTTTTTTTTTTTCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTAAGAGGAAAA  
CCCGGTAATGATGTCGGGGTTGAGGGATAGGAGGAGAATGGGGGATAGGTGTCTTACCCT  
GCGCGGTGTAACTTGGTCACCTTCTGAGGGTGAAGTTGCGCACACACGTCATTGGAAAT  
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GCCCCACCTG

>SEQUENCE:5209:prostate\_MPM2000-004P1Novel007-2-Table1  
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TGCGATATTTACTGGTTAGGAAGGATATCATAAAGGATACAGATGAACAGCCAGATGAAA  
AGATACATAAGGCGAGTCTGCAAAGGTCTGAGGGCTGGAGCTTCTGTCCCCGCGGAGTG  
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ATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTT

>SEQUENCE:5210:prostate\_MPM2000-004P1Novel007-2-Table1  
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GCCGGGAGCGCGGCCTCTCCCTCCACCAATTTCCAAGTATACCATACAGCGCTCAAAAT  
GGATCAGGGCTGTAAATCGTGTGGACCCAGAAAGCAAAAAGATTTGGATTCCAGGACCAG  
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>SEQUENCE:5211:prostate\_MPM2000-004P1Novel007-2-Table1  
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CAATGTCTTGGAACAATAAGCAAACCCCGCGTACCCAACTCTCAGCCAGAGATGGTGGAG  
GCCGTCAAGAAGCACATTTTAAACATGCTGCACTTGAAGAAGAGACCCGATGTCACCCAG  
CCGGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAA  
GCTTATCGATACCGTCGACCTGGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGT  
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>SEQUENCE:5212:prostate\_MPM2000-004P1Novel007-2-Table1  
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AAAATGGGGTGAAATTGGCCAACCTTCTATTAACCTTATGTTGGCAATTTTGCCACCAACA  
GTAAGCTGGCCCTTCTAATAAAAGAAAATTGAAAGGTTTCTCACTAAACGGAATTAAGTA  
GTGGAGTCAAGAGACTCCAGGCCTCAGCGTACTGCGGCGGGTAGGCCTAGGATTGTGGG  
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TTTATTTTATGGGCTTTGGTGAGGGAGGTAGGTGGTAGTTT

>SEQUENCE:5213:prostate\_MPM2000-004P1Novel007-2-Table1  
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GCCTAGTCACACACGTCAGGGAGGCTGCCCTCAGTGGAGTTGGGGTTGAGACCCAGGGT  
GGGACTTCACAGTTTTGCCAGCAATCTCTACCTTCTGACTTCTGCCTCGCAGAAGAGGTA  
AGGGAGAGGG

>SEQUENCE:5214:prostate\_MPM2000-004P1Novel007-2-Table1  
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TTTTTTTTTTT

>SEQUENCE:5215:prostate\_MPM2000-004P1Novel007-2-Table1  
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GACTCGGATCTTAGAGAGCTTGGAGGCCGACCCGCTGTCACTTTGGCGACGCGCAGCTG  
GGACAGCTCCACCTTCAGGTCGTCCAGCTGTTTCAGCAGCCTCCTCCTTCTTCCC  
GAAGATCTCGAGCCTTGATCTTGGCCATTGCTGCACAAGCCGCCAACGCCGCCGCCGCT  
CCGAGGGAAAGAGCCCCGCGTACCTGCCCGGGCGGCCGCTCTAGAACTAGTTGGGATCCC  
CCGG

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>SEQUENCE:5216:prostate\_MPM2000-004P1Novel007-2-Table1

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GCCGTTTCTCAGGCTCCCTCTCCGGAATCGAACCCTGATTCCCCGTCACCCGGGGTTTAC  
CATGGTTAGGGCACGGGCGAACTACCATTCGAAAGGTTGAATAGGGCCAGAACGTTTCGAA  
TGGGTCGTCGCCGCCACGGGGGGCGTGCGATCGGCCCGAGGT

>SEQUENCE:5217:prostate\_MPM2000-004P1Novel007-2-Table1

GACTCACTATAGAGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCCATCTAGG  
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GGTTGCCAGCCACACTCACCGCTGGTAGGGATGCATGGAAGCCGACTTGATGTTGGTTTT  
TATTCCACTTGGCATTTCCTGTTGACCTGCCTGAGCCATTGTACAATTTCTGCCAC  
TGGTCTAGGTGTCTGAGGAGCATCTTCCTGGCTCAGAGACCTTTTGTCTCCAGGTGCTCAT  
GCCGCAAATGGCAATCTGCGCGCGAACTAATTCGCGGCCGCTCTAGAACTAGTGGATCCC  
CCGGGCTGCAGGAATTCGATATCAAGCTTATC

>SEQUENCE:5218:prostate\_MPM2000-004P1Novel007-2-Table1

GACTCACTATAGGGCGAATTGGAGCTCCCCGCGGTGGCGGCCGCGCCGGGCAGGTACTTT  
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TGCTGTCTTTCTCTGCTGCATCGTTTCACCATTCATCTGCTTGTCTGGGATGGTGAAGAC  
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GTCTCACCCTCGGTGATAGGC

>SEQUENCE:5219:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACACACACCTATGGT  
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AACTTTTAAAGACAAATTCTTATTTTCATCCCTCCAAAGATAAACATCACATGGGAAAAAT  
GTTTTACAATCAAATTCTTTAATTATGCCAGTTGAAAGGGATGCCTTTTCTTTTAAGGA  
GAATGCAACATGGAGAAAGTTTTAAAGGCAGGGCAGTGAAGAGAAGGGACAAGAACGTTT  
TCAACCCAGCTCCTTTAGATGGGAGAATAAAGTCTGGCCCATTCACCCACAC

>SEQUENCE:5220:prostate\_MPM2000-004P1Novel007-2-Table1

ATCACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCACTTTGTC  
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AGTGCTGGGAGCCTTCAGGTGACTGACCCTTTATAAAAGACCATG

>SEQUENCE:5221:prostate\_MPM2000-004P1Novel007-2-Table1

GCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGC  
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T

GGCCCCACCGCACGACACCAGCACGGATCTCACGGAGGTCATGGAGCAGATTCACAGCAC  
GTTTCCATCTTGCTGCCCAAATGTTCCAGCAGGCCACAGGCAATGTGAAGTATTCATCC  
GGCCAACCAATGTTTCCTGACGTACGCGGGGGAGAGAGAGAGAGAGAGAGATTGTCAGGAAAG  
CTGCAGGTTACTTTGAGACAGTCGTCCCAAATGCATTAGAGGAACTGTAAAAATCTGCCA  
CAGAAGGAACGATGATCCATAGTCAGAAAAGTTACTGCAGC

>SEQUENCE:5222:prostate\_MPM2000-004P1Novel007-2-Table1

ATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTCTGC  
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CCAGAAGGCAAGAACAACCTCTTCAAGTGTGCCCTGTGTGCCTACACCAACCCCATCCGC  
AAAGGTCTGGCAGCCCACTACCAGAAGCGCCACGACATTGATGCGTATTACACTCACTGC  
TTGGCAGCCTCCAGGACCATCAGCGACAAGCCCAACAAAGTGATCATCCCATCCCCGCCC  
AAGGACGACTCCCCTCAGCTGAGCGAGGAACTCCGGCGGGCAGTGGAGAAGAAAAAGTGC  
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CACCCAAGGGTGTTCCCAAAGAAGCAGCACGCCAGCAAGTTGGGGGGC

>SEQUENCE:5223:prostate\_MPM2000-004P1Novel007-2-Table1

CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACTGTG  
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ACATCAACACTTAACTCAAACGAGGACAATTGTTATTTAGTTTTTATTTTATAATCATAA  
ACTTAACTGCTGCAATTCAGGCTAGGGCATGGGGAGGGGAAACAAGGGAAAAAACATTG



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GGAAACCCCAAAGGGAACTGCAGCGAGAGCACAAAGATTCTAGGATACTGCGAGCAAATG  
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ATCCCACTACTGAATCAG

>SEQUENCE:5225:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTGCAGGCCTCCTACA  
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ACTTCTTCCGCGAACTGGCCGAGGAGAAGCGCGAGGGCTACGAGCGTCTCCTGAAGATGC  
AAGAACCAGGCGTGGCGGGCCGCTTCTAGAACTAAGTGGGATCCCCCGGGCTGCAAGGA  
AATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGGCCCGGGTACCCAGCT  
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>SEQUENCE:5226:prostate\_MPM2000-004P1Novel007-2-Table1

TGGAGCTCCACCGCGGTGGCGGCCGTGGTGGTGAAGCTGTAGCCTCGCTCAGTGAGGATC  
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G  
AGGGCGTAGCCCTCGTAGATGGGCACCGTGTGGGTGACCCCGTCTTCCAGAAGTCCATGA  
C

>SEQUENCE:5227:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:5228:prostate\_MPM2000-004P1Novel007-2-Table1

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TGCTCCCGCAGGACCTGCTGGCACTGGCAAAACAGAAACCACAAAAGACATGGGAAGGTG  
TTTGGGAAAATTATGTGGGTCTGTGTTTCAATTGGTTCAGAATCAAATGGGATTTTCAGAA  
GGCCTAGGAAGGATTTTCAAAGCAAGAAAAGAAAGAAAGAAACAGTTCATTTTTTCTGAT  
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>SEQUENCE:5229:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCAGGCTGTTTGTGATC  
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CAGGGGCCTGCAATGGCTCCAGGAACAGCTGTGAAGGAGAAGATGAGGAAGAAATGGAGC  
ATCAGGAAGAAGGCAAAAGAGCAGGCTTTTCAGAAAACCGGAAGGGCAGTGGGGGAAAAG  
ATTGAGCCAGGAATGACCCCAAGTGAGACCACCCAAAAGAAGATCAAAGGGCCAGCCCTG  
CCCAAAAAGGCTTTTTACCTTCAGTTCTTGTGGAACCTTCTATGGGAACAGGCTGGACAT  
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>SEQUENCE:5230:prostate\_MPM2000-004P1Novel007-2-Table1

TAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTTTTTTTTTTTT  
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>SEQUENCE:5231:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGTGAGTGTCCC  
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GGATACCGCAGCTAGGAATAATGGAATAGGACCGCGGTTCTATTTTGTGTTTTCGGAA  
CTGAGGGCCATGATTAAGAGGGGGCGGGCCGCTTCTAGAACTAGTGGGGATCCCCCGG  
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>SEQUENCE:5232:prostate\_MPM2000-004P1Novel007-2-Table1

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTCGGGAAAGTGCTCATGGC  
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CACGGTCCGCCTGCCATTCTGCGGCCACAAAACATCTGCTCGCTAGCCACAATTCAGAA  
GATCCCGCGGTTGTTGGGTGGGGTGCCCGCCGAACGGGTTACCCTGCCCGGGCCGGCC  
G

CTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTAATCGATACCG  
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GCGGCGCTTG

>SEQUENCE:5233:prostate\_MPM2000-004P1Novel007-2-Table1

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GGAGCTCCACCGCGGTGGCGGCCGAGGTACCCCTCCAGCCGGACAACCCGGGCGAGGAC  
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AGAGAAAGGCAACAGAAAAATGGTTCCCCAGAACTCGGCCTTTGAAGAACCCTGCAATG  
TGGTGATGGGAAATGAGACTTGCTCTCTGGCCTTTTCCTATTTTCAGCCCATATTTTCATC  
CGTGTAACGAGAATTCACCCATTCTACCAATGCATGCAGCCACT  
>SEQUENCE:5234:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:5235:prostate\_MPM2000-004P1Novel007-2-Table1  
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TGGAAGTGCTGATTTTATGGACTGAGGACTGGTGACTGGTCTGTGATAGAAGCAAATTCC  
AATTCCAAAATGTA  
>SEQUENCE:5236:prostate\_MPM2000-004P1Novel007-2-Table1  
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TTNNTTTTTT  
>SEQUENCE:5237:prostate\_MPM2000-004P1Novel007-2-Table1  
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T  
CTGCCATGGCTGCACTGCAGTATCACAGACGACGGGACCCAAGGAACGGAGGAGTCACCC  
ACCCCGCGTACGCGGGCCCGGGCGACACAGCAGGACTCCCGTTTCCTATGAAAAAATA  
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GCCTAGGCGGTTGGATCAC  
>SEQUENCE:5238:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:5239:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:5240:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:5242:prostate\_MPM2000-004P1Novel007-2-Table1  
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GCCGGCTCTAGAACTAGGTGGAATCCCCCGGGGCTGGCAGGAAAATTTTCGATATTCAAAG  
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>SEQUENCE:5244:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:5245:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:5246:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:5247:prostate\_MPM2000-004P1Novel007-2-Table1  
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CG  
>SEQUENCE:5248:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:5249:prostate\_MPM2000-004P1Novel007-2-Table1  
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AATACCAGGCAAAATA  
>SEQUENCE:5250:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:5251:prostate\_MPM2000-004P1Novel007-2-Table1  
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ATTTTCTGGCATGGAAGCTTGATCAGTATTTCTCTCCTTTTTGAAAGAAATATTTTCCAA  
ACTGGTAGCCACTGGAAGGATACTTACTTTAAGCCATTGGACAGAAATCTTTTTCATGGG  
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>SEQUENCE:5252:prostate\_MPM2000-004P1Novel007-2-Table1  
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TTTAACATCTGCTAGGCTAATTCCATCATATTAGTATATGAAATTATCTTTTCTCCAGTT  
ATTTATTAATCTTTCTAAATATTTTAAAAATACAGGTATATTTTTCACAAACAAAATT  
TTATTTTCCCCCACAACAAAGAATTATCCCACTTCTCTAGTAATTTCCATCGTGCAAGA  
ATGTAGGAATATAGACTAATAAGGCCTAAATAGGAATCTAAAAAGGGCAAGTTTACCCTA  
AAACCCCTTCTT  
>SEQUENCE:5253:prostate\_MPM2000-004P1Novel007-2-Table1



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GAATCACCAGGATTTTCAACTGAGAAATTTAAGAATAATTGAACCTAACGAGGTGACACA  
CTCAGGAGACACAGGTGTGGAAACAGACGGCAGAATGCCTCCAAGGTGACTTCAGAGCT  
GCTTCGGCAGCTGAGACAAGCCATGAGGAACTCTGAGTATGTGACCGAACCGATCCAGGC  
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>SEQUENCE:5261:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGTAGTGCACTCT  
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TAGTGGGACTATAGGCACACACCATGCCATCTAAGTTTTTGTATTTTATGTAGAGA  
CAAGGTTTCACCATGTTGCCCAGGCTGATCTTGACCTCCTGAGCTCAAGTGATCTGCCCA  
CCTCGGACTCCCAAATGCTGGGATTATAGGCGTAAACCACCATGCCTGGCCTTAAATCA  
ACTTTAGAGTCAACATCTCTTATCACTGGAGCTTCTGGAGAACTCCATCACGTGGTGCT  
CTCTTTCCTGATGTGTTGTGCCCAAATAGCTTG

>SEQUENCE:5262:prostate\_MPM2000-004P1Novel007-2-Table1

GGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATCACAGAACTCACACGGGAGA  
GAGACCCTATGGCTGTGATGAGTGTGAGAAAGCTTACTTCTATATGTCTTGCCTTGTTAA  
ACATAAGAGAATACACTCAAGGGAGAAACGGGGGGATTTCAGTGAAGGTGGAAAATCCTTC  
CACAGCAAGTCACAGCTTAAGTCCTAGTGAACATGTGCAGGGGAAAAGCCCTGTTAATAT  
GGTAACTGTGGCAATGGTGGCAGGGTCAGTGTGAGTTTGCCCCACATTCCTGCATTTTCAT  
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>SEQUENCE:5263:prostate\_MPM2000-004P1Novel007-2-Table1

ACTATACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACTGT  
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>SEQUENCE:5264:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACACAGATTG  
G  
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TATATGTAGCACCTAGATCCTGGTTTCTAATAACCATTCTCCAATAGAAGCAACCAGGGC  
TCTTGGAGAAGTGGTCAGTTCTAGGACTGGAGTAGGAAATATATAAATTGAGCTTTGAAC  
ATATTATAGTGCCAAAAGTAAAGTGCTTTAAAAAACCCCACAATGAAGGGGGCATGTCA  
GAGGGACACAGGAGCCAGCTGAAGAGCTCCAGTGGCCCAAGCTGGAAGGAACTATTTGA  
ACAACAAAATAAAATACTAACAAGTT

>SEQUENCE:5265:prostate\_MPM2000-004P1Novel007-2-Table1

GGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACAAAAAAACAAGCT  
CTCTTTCCTTCTCTGGTGATGGTTTGGTAGGATTCTTTTGTCTCTGGAAGCAGTGGGACT  
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>SEQUENCE:5266:prostate\_MPM2000-004P1Novel007-2-Table1

CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACGCG  
G  
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AAAAAAGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCGGGCTGCAGGAATTGATA  
TCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAGCTTTTGTTCCTT  
TAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAT  
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GGTGCCTA

>SEQUENCE:5267:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGACCGGCCAGGTGCTATTTT  
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AAGTCTAGACGGTCTTCTTAAAGCACCAACATTACTTGAGTCTTTGGATAAAATTGAGAA  
AAAGAGTCTACAAAGTATTTGTGGACTCTACAGGAGGCAGGTAGGCTGACAACTGGCAGT  
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TTTTGATAAAGGCTTGGAAGTGATGGAAGAGAGTAATTGGAA

>SEQUENCE:5268:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACGCGGGTAAAAATGAA  
A

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AATTTCCAGAGAGAAGTGAAAAATATCAAAAATTAATACTTGAAGACAAGTTG  
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>SEQUENCE:5276:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTGCAGACATCTC  
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AGGGGAATGGCAGCAGTGAGGTAGATGGGAGGACATTTCTGGTCAGGGAATGGCATCCC  
ATTCAGCATCTCAGGACTCACAGGCCAACATGTGTTCCATGGCTGGGAATTGCCTACCAC  
CCACATCAGCTTCTGTTTACCTTTTTGGCATCAAATAATGAACAGTGTTTGGAAATCTTT  
CTACAGGCAATTACCTCCCCAAGAGAAGCCTTCCTTATTTTGGAGTAAGGTCCTAAGATA  
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>SEQUENCE:5277:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTAGTTCTCCT  
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ACATGGCCTCAAGTCCCGATCTTCTGCTCAGAATACTGTGTTGCTTGCTGCAGTGAAATG  
GTCCGATCAGAAACAAAGCACCTCTCAACAGCATCGCTGATTAAAGGCACAGAATCTTCT  
TGATTTATTTTACAATTTGGTAGCTCATTTATATCCAGTTCATCTTGCAAATCACTTCTC  
TTTTCTATACTGATGGTCTCTTCATGTACATCCAGGCTGGAAGCACGTAGTGCAGCGGAC  
AGCACTT

>SEQUENCE:5278:prostate\_MPM2000-004P1Novel007-2-Table1

TATATGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGACTCGGGGGTTG  
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TGGCCTTGCTAAGGGCCAAGGAAAGAAAGACATTTTTTAGGGGGCCAGCCAGTCCCAAAT  
GCCCAAATGAAAGACCAGGTTCTTTGCCCTTGATTGTATTGAAAATTTGAC

>SEQUENCE:5279:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACCAGCT  
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AAAATTAACCAACAATTGGCTGCCTTCTGACCTTCACATCCTGTATAGGAATGGAAATG  
GTGGCTAAAGTCAGCACTGAAGGTCCCACAAGCTCTCCCTGCCTCCCCTCTATCTACTGC  
ATGATCCTTCAACTGAGGCCAGCCCAAGTGCAAGAGTAGCTTGCAAAACCCAAGGGACCCC  
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>SEQUENCE:5280:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:5281:prostate\_MPM2000-004P1Novel007-2-Table1

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACGCGGGGAGGCCCTTC  
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ACGGAGAACAACAAGAAAGGCGCTTCCGGTGTCTGTTGCCAGGCGCGGGGCCAGTGGGCC  
GTAGGGGGCGACATTGTTGCCGTCTTTCCCCCCCCAGTCCCGGGGATGGAGATGTCGG  
GACTCAGCTTTTCAGAGATGGAGGGCTGCCGTAACCTACTTGGCCTACTGGACAACGACG  
AGATCATGGCCCTATGCGACACCGTCACCAACCGCCTGGTGCAGCCTCAGGACCGCCAAG  
ATGCTGTTTCATGCAATATTAGCATAAGTCAAAGTGCAGAAGAACTTCTGAGGCGTAGAA  
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>SEQUENCE:5282:prostate\_MPM2000-004P1Novel007-2-Table1

CGTATACACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAG  
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TCAAATTTTCGACGTTTAACCTAAGCTAGTGACCTATGGAT

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>SEQUENCE:5284:prostate\_MPM2000-004P1Novel007-2-Table1  
GCGCGTATACACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCCCCGGGC  
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GGGGGCATCTGCATTGGAGTTGGGGGTGCCGATGCTGTGGATGTCATGGCTGGGATCCCC  
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GGTCCTCCACCCCCAAAGATTGTGATCCTGAAGGTGGC  
>SEQUENCE:5285:prostate\_MPM2000-004P1Novel007-2-Table1  
CTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACGCGGGGGCCTG  
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GCGGCTGTCGGTTGATGGGGAGGTCAGGTCTGGGAACTAGGCCCTGGGGTTTTCCCTGA  
GCAGGAGCGGTGCCCCAGGGCCTCAGGCGTTAAGTCCAGGACCCTGAAATGG  
>SEQUENCE:5286:prostate\_MPM2000-004P1Novel007-2-Table1  
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TCTCTTTAGGTTTCCCTGGCTTTGTGAATGGATCATGTGTCTCTAGGTATAAACCTGACA  
TCATCTTTCCACCCGGCTTACCTCCACCAGATCTCCCCAGTTCTGTCTCCATCTTCTACC  
TGCAGCTGCTCTGTTCTCATGGTCACTGCTGCATCACTGAGTCTGGACCCTTGTTATCAT  
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CGAGTGTATTGGTCTGTCTGCTATCAGCTATGCCGTTGCC  
>SEQUENCE:5288:prostate\_MPM2000-004P1Novel007-2-Table1  
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CGACACCTGGCCCTTCGCAGCTCTCGCCTTTCGCAGCTCTCGCCTAACAGGAAAGGGAAG  
AAAGAGCCCCGCGTACTTTTTTTTTTTTTTTTTTTTTTGGCAAATGACTTAGATTTAATCA  
TCGGAAGCAAACCTAAATGGAAACCTTACAATAGAGAAGAATTACATGTCAGTGTCTTTTG  
GAAAACCTGAGCTGGGACAGAAAGGGACTGGGGGCTGCCCCCAACCTGATCCCTTCTGAA  
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CTGTGCATTGT  
>SEQUENCE:5289:prostate\_MPM2000-004P1Novel007-2-Table1  
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GAGACATATCATATAAGTAATGCTAGGGTGAGTGGTA  
>SEQUENCE:5290:prostate\_MPM2000-004P1Novel007-2-Table1  
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ATGAAGGCACTTAATAACCACTGAACCTATATAGACAGTTAAAATGACACAATTTGGTGTTA  
TTATTTTACCACCATAAAATGTTTTTGAATAAAAAAAGCTAAAACAGGC  
>SEQUENCE:5292:prostate\_MPM2000-004P1Novel007-2-Table1  
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CCACCGGCCAGCATGTCCTCTACTTCACTTCAACCG  
>SEQUENCE:5293:prostate\_MPM2000-004P1Novel007-2-Table1  
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TTTTTTTTTTTTTTTTTAAAGACAAGGTCTTGCTCTGTTGTCCAGGCCTGGACAACACAGC  
ATGTGCAGTGGTGTGAACATGGCTCACTGC  
>SEQUENCE:5294:prostate\_MPM2000-004P1Novel007-2-Table1

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TCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGTTATATGTGGATTTTTAAC  
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AAGAATGAACAATGTTTTCAAAGACATAATGCTATTTAACTTAAACATACTTATAGTG  
CAAACAATAACTTTAATATGCCAATAGGGAAACCATAAATAATTTTCATGGTGCACCTTG  
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>SEQUENCE:5295:prostate\_MPM2000-004P1Novel007-2-Table1

ATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGTAGT  
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CCACAAGTAGTGGGACTATAGGCACACAGCACCGTGCCCATCTAAGTTTTTGTATTTTAT  
GTAGAGACAAGGTTTCACCATGTTGCCAGGCTGATCTTGAGCTCCTGAGCTCAAGTGAT  
CTGCCACCTTGGACTCCCAAATGCTGGGATTATAGGCGTAAACCACCATGCCTGGCCT  
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>SEQUENCE:5296:prostate\_MPM2000-004P1Novel007-2-Table1

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ATGCCTGTAATCCCAATGCTTTGGAGTCTGAGGTGGAAGGATTGCTTGAGGCCACAAATT  
TGAGACCAGCCTGGGCGAAAGAGCGCAACCCTGTCTCTACCAAAAAAAAAACAACAACAAA  
AACTTAGCTGAGTGTGGTGGTACCTGCCCGGGCGGCCGCTCTAGAACTAGTGGATCCCC  
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>SEQUENCE:5297:prostate\_MPM2000-004P1Novel007-2-Table1

CTATCACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTAC  
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G

CGGGGCTGGTGGGGCTGCTGCAGCCGTCACAGGAAATAAGTAATCATGGTGCTCAACAGT  
TTGGATAAGATGATTCAACTCCAGAAAAACACTGCCAACATCAGGAATATTTGTGTTTTG  
GCTCATGTTGACCATGGAAAACTACTCTGGCTGACTGTCTTATATCTAGCAATGGAATC  
ATCTCCAGCCGCTAGCAGGCAAGTTAAGGTACCTCGGCCGCTCTAGAACTAGTGGATCC  
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>SEQUENCE:5298:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGACCTTAGAAAGTCACACATCTG  
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GAATTCGAGCGGTGCCCCGGGCAGGACGCGGGATTGTTTGGTTTGGTTTTCTCTGGTTTT  
GGGTGTGATGTAAGAAGAGTTTTTTTGTGTTAGATTGTATTAACATCAATTTTT

>SEQUENCE:5299:prostate\_MPM2000-004P1Novel007-2-Table1

TGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACACCACCCAGTGGCTTCATTCTG  
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CATAAAACAATTTTTTTTAAAAAGAAAGAAATCTACCTCAGTTGACAGGATTCCACCT  
TTAGGGTTTCTTCAACTTTTAAGTCTTACCTGTTGAGTGTAACCTTTTGTAGCATCTTGCT  
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>SEQUENCE:5300:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTAC  
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GTGGAGGCAGAGCTCAAGTCCAGCACCGTGGGTCTCGTGACCCTGAATGACATGAAGGCC  
AAGCAGGAGGCTCTGGTGAAGGAGCGGGAGAGCAGCTGGCCAAGAAGGAGCAGTCCAA  
G

GAGCTGCAGATGAAGCTGGAGAAGCTTCGAGAGAAGGAGCGTAAGAAGGAAGCCAAGCGG  
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>SEQUENCE:5301:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGTCACGGTCTGCGC  
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ATCGTACTTTTTTTTTTTTTTTTTTGGTATAACAGCTCTTTATTTCTGTGAGTTCTACTAG



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GAAATCATCAAATCTGAGGGTTGTCTGGAGGACTTCAATACACCTCCCCCATAGTGAAT  
CAGCTTCCAGGGGGTCCAGTCCCTCTCCTTACTTCATCCCCATCCCATGCCAAAGGAAGA  
CCCTCCCTCCTTGGCTCACAGCCTTCTCTAGGCTTCCCAGTGCCTCCAGGACAGAGTGGG  
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>SEQUENCE:5302:prostate\_MPM2000-004P1Novel007-2-Table1

AATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACACGTAGAGATCATTAACTTTTAAA  
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ACAGGCAAAAGGTAAATTTTTTTTTTTTACAACCTTAAGTTAATCTCCAATAATAAAAA  
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>SEQUENCE:5303:prostate\_MPM2000-004P1Novel007-2-Table1

CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGAG  
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ACATTAGAAAGAAAAAGGAGGGGAAAACGGTATAAAGAGAGATCAATTACCCACCCTTAAA  
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>SEQUENCE:5304:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACGGGG  
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G

GAGGTCCCGAATAGCGGTGCGCGAAATGTTCCGGTGTGGAGGCCTGGCGGCCGGTGCTTT  
TGAAGTAGAAGCTGGTGCCCTTGGTGCGGACCGTGTGCGTCCGAAGCCCGAGGCAGAGGA  
ACCGGCTCCAGGCAACTTGTTCAGCGATGGCATGTTCCCTCTAGAACTCCAGATGACAA  
GACAAATGGCTAGCTCTGGTGTCATCAGGGGGGCAAAATCGATAATTCTGTGTTAGTCCTTA  
TTGTGGGCTTATCAACAGTAGGAGCTGGTGCCATGCCTACAAG

>SEQUENCE:5305:prostate\_MPM2000-004P1Novel007-2-Table1

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TATAGGCAGCACTGGACAGGGGTGCATCTGGAATGAGCTCTGCGAGCAGGTACATGCTGC  
ACGCACACAAAAGACACTGAGAATATTTTTAAGAAGCCACACATCACAGAATTTGATAGT  
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>SEQUENCE:5306:prostate\_MPM2000-004P1Novel007-2-Table1

CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTT  
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TTTTATTTTGGGTGGAGTCTTGCTCTGTCGCCAGGCTGCAACCTTTGCCTGTCAGGTTT  
AAGCGATTTTCGTGCCTCAGCCTTCCAAGTAGCTAGGATCATAGGCATGCACCACCACAC  
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>SEQUENCE:5307:prostate\_MPM2000-004P1Novel007-2-Table1

GACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGATAGAG  
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GCTGGGGTGTGGAAGATGGCTTTGCATGCCAGCGATGCGCCTCCCTGTGGGATGTCAAT  
ACCCTGNGAACCGGGAGTGGCCCTTGGCTCACTGTGTTCTGCATGGGTTGGATCTGAATT  
AATTGACCTTTCTTCTAAATCCCAACCGAAGTCTTCCAACCTACAACTGGCTGTAACC  
CCAAATCCAAGCCATTAACCTGACAGTAGCAATTGGCTGATTAATCACTGGCCCC  
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>SEQUENCE:5308:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGGCCACTGTAACCAAGA  
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CGCCCAAGAAGAAATAGGCGAACGCCTACTTCTAAAACCCAAAAGGCTCTTTTCAGAGCC

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ACCACTGATCTCAATAAAAGAGCTGGATAATTTCTTACAAAAAAGAG  
TACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTT  
ATCGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAGCTTTTGTTC  
>SEQUENCE:5309:prostate\_MPM2000-004P1Novel007-2-Table1  
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TACTTCTGGGGCCTTCGTGTCCGAGGCCAGCACACCAAGACCACTGGCCGGCGAGGCCGC  
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>SEQUENCE:5311:prostate\_MPM2000-004P1Novel007-2-Table1  
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TTCCCTTACTCTCAAGGAGGCTGGTTAATCTATCCAGGAATTCCAGAAGTTGTTGCTCTC  
GTTGCCGGGGCTCTGGCCAGGCAGGGTCCAGGGCTGCAGCCCGAGAGAAGCCCTCCAGG  
G  
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>SEQUENCE:5313:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:5314:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:5315:prostate\_MPM2000-004P1Novel007-2-Table1  
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C  
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>SEQUENCE:5316:prostate\_MPM2000-004P1Novel007-2-Table1  
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TCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAGCTTTTGTTCCTT  
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>SEQUENCE:5317:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:5318:prostate\_MPM2000-004P1Novel007-2-Table1

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ACACTTGCTCTCAGTCTTAGCACCATAGCAGCCCAGGAAACCAAGAGCAAAGACCACAAC  
GCCGGCTGCGATGAGGAAGTAGCCACGTTGACAACTGCATGGCACTGGACGACAGTGG  
CCCGAAGATCTTCAGAAAGGATGCCCCATCGATTGACACCCAGATGCCCACTGCCAACAG  
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>SEQUENCE:5319:prostate\_MPM2000-004P1Novel007-2-Table1

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AAGCTCTTACATGGTATCTATGTAGTCTCCCTGAATGGTTTGGCGTTGGCTCTTCACATA  
CCTTTGGTCAATTTCTCTTGAAGCTTTAGATATTTCTGCCATCATTTCACTCTGTGAGGG  
CAATGTCTTTAGACCTTTAAATACCTGAGTGGCCCAGCGTCCTTGGAGCTCTGAAATGGG  
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>SEQUENCE:5320:prostate\_MPM2000-004P1Novel007-2-Table1

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AGAAGGCGGGCTGGCCGCGCAACTCCGAATAATAGCGCTTAAGAAACCACCGAAGAAAGCG  
AAGAAGCCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCTATATCAAGC  
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>SEQUENCE:5321:prostate\_MPM2000-004P1Novel007-2-Table1

ATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACATGGTTTGAAGCCACTATGT  
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CAAAGACTTCGGCACTTTTGAGAGGCTCTTCAAGGCGATTTATATGCCCCAAAATGTCTA  
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>SEQUENCE:5322:prostate\_MPM2000-004P1Novel007-2-Table1

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ATCTGGAGGGGAAAGCATAATTCACCCATTCTGTGTTGAGCACATGCTTACTGGGCACC  
TGCTACGTGACCAGCATTGCCGTAGACCCTGGGAAGCAGCAGTGAAACAGTCAGGAGCTGT  
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>SEQUENCE:5323:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:5324:prostate\_MPM2000-004P1Novel007-2-Table1

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GCATGTCATTACGTAGCCCGCAGGAAAAGCTGGCTCTCCACCCCTAGCCTTTTAATATG  
CAAATGCAGGGCACCATGATCTTCTACACAGGTGGGGATACTTCGGGGTGTCCATGTATC  
CAGGAATGTGGGGAAAGGGCAAGAAGTCCACAGGAATCGCCATGTTTGGGTGGACCCACT  
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>SEQUENCE:5325:prostate\_MPM2000-004P1Novel007-2-Table1

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CAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTT  
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GTTATCCGCTCACAATTCCACACAACATACGAGCCGGGAGCATAAAGTGTAAGCCTGGG  
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>SEQUENCE:5326:prostate\_MPM2000-004P1Novel007-2-Table1

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TGTTACCCAGCATGCTGTTGGCATTGTTGTAAACAAACAAGTTAAGGGCAAGATTCTTGC  
CAAGAGAATTAATGTGCGTATTGAGCACATTAAGCACTCTAAGAGCCGAGATAGCTTCCT  
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>SEQUENCE:5327:prostate\_MPM2000-004P1Novel007-2-Table1

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GCGCGCTTGCGGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACA  
ATTCCACACAACATACGAGCCGGGAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTG  
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>SEQUENCE:5328:prostate\_MPM2000-004P1Novel007-2-Table1

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GAAACAAAAAAGGCCAAAACGGTGCCCTTCAGCCACATCCTCTGAATTGGCCCTGACTTGG  
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>SEQUENCE:5329:prostate\_MPM2000-004P1Novel007-2-Table1

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AGGCTTAACTGGGCTAAGGGTATCCAGATAGCTGGTATTATTTCTGGGCGTGTCTGTGAG  
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GGCCAGGCGTGGTGGCTCACATCTGTGATCCCAGCACTTTGGGAGGTTGAGGCAGGTGGA  
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>SEQUENCE:5330:prostate\_MPM2000-004P1Novel007-2-Table1

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CCTGCAAAAGTCAACTGTGTGAGTGTGATAAGGCTGCTGCCACCTGTTTTGCTAGAAACA  
AGACGACCTACAATAAAAAGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGC  
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>SEQUENCE:5331:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:5332:prostate\_MPM2000-004P1Novel007-2-Table1

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CTGCCTCAGGCCTCAACCACCACAGGAAGTGGAAGTCTATACCTCCACCTCTCCTGGCTG  
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>SEQUENCE:5333:prostate\_MPM2000-004P1Novel007-2-Table1

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TTTATGTAGAGACAAGGTTTCACCATGTTGCCAGGCTGATCTTGAGCTCCTGAGCTCAA  
GTGATCTGCCACCTTGGACTCCCAAATGCTGGGATTATAGGCGTAAACCACCATGCCT  
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>SEQUENCE:5334:prostate\_MPM2000-004P1Novel007-2-Table1

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ATGAACTGTGTGCAAGAGTTCCTTTTTTCTACATCTTTGCCAACATTTGTTATTTATTA  
TGATTATTCTTTTTTTTGGAGATGGAGTCTTGCTCTGGTGTCCAGACTATAGTGCACTTGG  
CGCATTCTTGGCTCACTACAACCGTCTGACTTCCGGGTTCAAGCAATTTTTCTGCCTAAG  
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>SEQUENCE:5335:prostate\_MPM2000-004P1Novel007-2-Table1

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GTTGCTGATCTGGGGGAAATACGCGTCGACCACCAAGAAGAAGGCCGAGGCCAGGAAGGC  
CAGCACCCCGATGGCACTGCCATAGCGGCAGGCATCCTCGTTGCGGTTGAACACGCAGTA  
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>SEQUENCE:5336:prostate\_MPM2000-004P1Novel007-2-Table1

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CTGGCACTGTAAACGGACTGGCCAGAGTTGCCTTTTAAGCCAACAATGCTTCCTACATTA  
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>SEQUENCE:5337:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTT  
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CAAACTGCCCTGTCTCACGGAGAGGAAAAGCGGCCGAAGTACGGGGGGCCTGTGGATG  
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>SEQUENCE:5338:prostate\_MPM2000-004P1Novel007-2-Table1

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GGGCTACTGTAACAAGTTCTCAATAATGTGGTAGCTTCAAACAACAGGAATGGAATCTCT  
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CTCCTTCTGAAGCTCTAGGGAGCAGTCTGATTTAGCTCTTCCAGCTTCTGGTGGCTTCTC  
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>SEQUENCE:5339:prostate\_MPM2000-004P1Novel007-2-Table1

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GACCCAGTGGCTGTGGAAGCCTTGCTCCGGGGCCGTGTTTGGGGTTGTTGGGGATGAGGCC  
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>SEQUENCE:5340:prostate\_MPM2000-004P1Novel007-2-Table1

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AAGAACCTCTCCAAGCTCCCTCCTGTGCAAGTAGCTATGGATTCCCTAGTGAAGAATGGC  
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GCTATTGAGTTTGCCCAAAGGGAGCTTTTGATGCCTATGTTGCTGTCGGTGGTGGCTCT  
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>SEQUENCE:5341:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACGCGGG  
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TCGCCTTCCACATCACCTCTGCAGCCTTGCTGTTTATTGCCACCGTCGACAATGCCTGGT  
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>SEQUENCE:5342:prostate\_MPM2000-004P1Novel007-2-Table1

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A  
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GCCGGGGCAGAAGTTGAGACCACCCAGCAGAGGAGCTAGGCCAGTCCATCTGCATTTGTC  
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>SEQUENCE:5343:prostate\_MPM2000-004P1Novel007-2-Table1  
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CCTAAGCAACAGTGCTCACATCACTGAGGTCTGTGAACAAAGTTCACATTTTACATCCTT  
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>SEQUENCE:5344:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:5346:prostate\_MPM2000-004P1Novel007-2-Table1  
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CTGTCTCATCAAATCCCTGGCAAGCTGGGAGGGAGGGAGGAGATGCTGAGCAGCCTCTAT  
GGTCCTTCTTGAACCAAGCTGCTCCCTGCTGGATATGACAATGGCTCAGAAGCAGACTAG  
CAATTCTCAAAGGACAGGGAGAAAAATCACACAGTTGCTGGCAGAAAACAGCCAGCGTA  
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CGATACCGTCGACCTCGAGGGGGG  
>SEQUENCE:5347:prostate\_MPM2000-004P1Novel007-2-Table1  
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CTAGAAAGAAGTCGCTTACGGTTGGCGTTTCCCTCAGGCAGCGCCGTGGGCAGCCACAG  
GCCCTTGTAAGGCGCGCGCCGCGGTCCCGCCTTTTCTTTCGGCCGCTCTAGAACTAGT  
GGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGG  
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>SEQUENCE:5348:prostate\_MPM2000-004P1Novel007-2-Table1  
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CCCTTTGTGCCTTCCGCTTCTTTCCCTTTTGGGAAGGTGCTCTGTCATCTACATCTTCTT  
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TATTCTGACTGCTGAGAACTTTTTGGCTTCGGCTTTGTCTAGAACTTCTGATATTTGGC  
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>SEQUENCE:5349:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTTAGGGCAATTGAGCTCCCCGCGGTGGCGGCCGAGGTACTTGGTTCTTTTTTTT  
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GCCTGGGCAGGAGGCTGCCCTTCAAGGAAAGAACCACCTTATTTGACCTTCTTCTTGGGA  
CGCACGTTGTTGGTGTGACCACACTTTTTCTTGCGACAGTTGACCACTCGAGGGTGAAGG  
CGAGCATAGCACTTGCGGCAGATCATCTTGTGCGCAGGTGTATTTTGGGCAAGCTGGCGG  
AAAGAAGGCTCAATAATGCCACCTCGCAGGCGCAACACCATGTGCAGGGTGGACTCTTTC  
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ATACAAAATTACCTGGGTGTGGTGGCTCATGCCTGTGGTCCCAGCTACTTGGGAGGCTGA  
GGCAGGAGAATCACTTGAACCCGGGAGGCGGAGGTTGCGGTGAGCTGAGATCGTGCCATT  
GCACTCCAGCCTGGGCAACAAGAACGAACTCCATCACATAAAAAAAAAAAAAAAAAAAG  
GTCCGCGGGGGAGGCGAACAATGGCGGAGCTGGGCGAAGCCGATGAAGCGGAGTTGCAG  
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GCCTGGTGGCCGCCGAGCAGCAGAAGGCGCAGTTTACTGCACAGGTGCATCACTTCATGG  
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>SEQUENCE:5351:prostate\_MPM2000-004P1Novel007-2-Table1

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AGAAGGGGGCTTGAGCTCTATAGATAGGCTGGGGAGCACTTAATTTTTTCCAATTTAAAA  
AGGGGATTGTTTCTGGGGCTTTAACCCCTGACCTTTGATAAGGATGGGACAAAGCCA  
TCTGGGCAGTCAGGGGCAAGGACTGTTGGAGGAGAGTTAGCCCAAGTATAGGCTCTGCCC  
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>SEQUENCE:5352:prostate\_MPM2000-004P1Novel007-2-Table1

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GGTGTCTAGTCGATGAAGGAATGGGAACCCATTTACAGTGCTGGTTGAAAATCCCGCCA  
GAGCGCTGGAAACCTGGCGCTCAGATCTTCTCTGGTGTGATGAAGAGGCGAGGAATCAAGTG  
ACTGATCTGGAAGAAATATCTCGCAGCACTGCAGCTAACATCACAGAACTTAAGTGTGTT  
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>SEQUENCE:5353:prostate\_MPM2000-004P1Novel007-2-Table1

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AGCTCGATATGCAGCAATATCCTTTTGGTATTTTTCTTTCAGCTTGGCAGCCTTCTTTT  
ATAAGGCTGCTTGTCTGTCAGCAGGGTTATTTCCACATATGTTCCAGGTGTTTCGTAA  
CATCACCAATGGACAGGCCAGGAGGCTCTCCTTTGATTTTTGGGCGATACTCACAGCACA  
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>SEQUENCE:5354:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTTTTTT  
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ACCAGAAGCTGGGTCTGAGGATTACCAGCCTCACGGAGTGACTTCCAGAAATATCCTGAC  
CCACAAGGACGTAACAAAAAATTCTGGAGACCCCAAGTGGTGAAGTCCAGACTGAGGGAG  
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AAGCCAAGACCCAGTGGGCGCATCCGGTCCGTGCTGCATGCAGATGAGATGTGAGCTGGA  
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>SEQUENCE:5355:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGTGCCATTTCT  
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>SEQUENCE:5356:prostate\_MPM2000-004P1Novel007-2-Table1

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GGCGCCTGCCATTACGCCAGGCTAATTTTTTGTATTTTGTAGAGACGGGGTTTCACCA  
TGTTGGCCAGGTGGTCTTGAACCTCTGGCCTTAAGTGATCTGCCTGCCTTGGCCTCCCAA  
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>SEQUENCE:5357:prostate\_MPM2000-004P1Novel007-2-Table1

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CACCCAGCAGAGGAGCTAGGCCAGTCCATCTGCATTTGTCACCCAAGAACTCTTACCATG  
AAGACCCTCCTACTGTTGGCAGGGATCATGAACTTTGGGCCTACTGCAGGCCCATGGGAA  
TTTGGTGAATTTCCACAGAATGATCAAGTTGACCACAGGAAAGGAAGCCGCACTCAGTTA  
TGGCTTCTACGGCTGCCACTGTGGCGTGGGTGGCAGAGGATCCCCCAAGGATGCAACGGA  
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>SEQUENCE:5358:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACA  
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TGATTAGACTGTTCTGAAATTTGGTTATGCTTAAGCCAAAAAATTCTGTTTATTGTTCTT  
CAACAAGAATAGATGTAGCCACTTTAAAAATAGTTACATTGTTTTCCAGATTAAGTAAAT  
ATTTCAAGTTAGGAGAATACATATTTTTATTTTTATTTTCAGTTTTTGAGATGGAGTCTCA  
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>SEQUENCE:5359:prostate\_MPM2000-004P1Novel007-2-Table1

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CCTGGAATGGGGAAAATGCGGACATGCCACTCAGTCCGGCCGCTCTAGAACTAGTGGATC  
CCCCGGGCTGCAGGAATTCGATATCAAGCTTAATCGATACCCGCGACCTCGAGGGGGGGC  
CCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGG  
TCATAGCTGTTTCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAGCC  
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>SEQUENCE:5360:prostate\_MPM2000-004P1Novel007-2-Table1

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GCGTGATGGCGGGCGCCTGTAGTCCAGCTACTCGGGAGGCTGAGGCAAGAGAATGGCGT  
G

AACCCGGGAGGCGGAGCTTGCAGTGAGCCGAGATTGCGCCACTGCACTCCCGCCTGGGC  
C

ACAGAGCGAGACTCCGTCTCANAAAAAAAAAAAAAAAAAAAAAGTACCTCGGCCGCCCG  
GGCAGGTACTTTTTTTTTTTTTTTTTTAAAGTAACTGGTCTGTAAGTGCAATATCTCTAGA  
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&gt;SEQUENCE:5361:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACGCGGGGCGC  
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GGTTCCTGTTAGTGGAACACTGTAAGGTCCCAGAAATGGAAAAGAAAATGAAATAAATC  
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&gt;SEQUENCE:5362:prostate\_MPM2000-004P1Novel007-2-Table1

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GGCTGCTTTTTAGGTGAAAGGAGAAAAAGAATGTCTATAATTTGGAAAAACAAAAAATGA  
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&gt;SEQUENCE:5363:prostate\_MPM2000-004P1Novel007-2-Table1

ACTTTGGTTATGGCGCTCCCCGCGGTGGCGGCCGAGGTACTTTGTTTTTTTTTTTTTTT  
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TTTTTCTTTTTCTTTTTCCCCACCTTCCAAAATACTTCTGGGGAGATGCATTTTTTA  
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&gt;SEQUENCE:5364:prostate\_MPM2000-004P1Novel007-2-Table1

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GGGATTATAGGCGTGAGCCAATGGGCCCCCGGCCACATAAAAATTTTTTATTAGCTACTA  
CAGCTTAAAGTAGCTGCTATGGGAGTGTGGCCTTTTTTGATTAAATACTAGCTGATCAACC  
CTAGAATATAAATTCTTGTTTTATAACATTTAGATTTAAATAACAATAAGAATGTAAGCT  
CCATGAAGGCAAGAATGCCTTTTTATTTTGTTCACTGCTGTGTCTAAAATAATGCCTGGC  
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&gt;SEQUENCE:5365:prostate\_MPM2000-004P1Novel007-2-Table1

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GCGGCCCCCCTTTAGGTAGAAAAAAAAGGCGCCCGTGATATAAAAAAACGCTGCTCCAA  
GAGAACAAACCGCGCAGGACGGAATCACACCAGGGAAAGGACGCAGGCTCCCCGCGTACC  
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&gt;SEQUENCE:5366:prostate\_MPM2000-004P1Novel007-2-Table1

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ATTCTTCCACGATGGCGCAGTGTAACGATGCACTTCGGAAGGGAGTTGGTGTGCTATTTT  
TGAAGCAGATGTGGTGATACTGAGATTGACTGTTTCAAGATTCCCCATTTGTTTGTGCTTAA  
AATGATCCTTCCTACTTTGCTTCTCTCCACCCATGACCTTTTTTCACTGTGGCCATCAGGA  
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&gt;SEQUENCE:5367:prostate\_MPM2000-004P1Novel007-2-Table1

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CCGGGCAGGGACGCGGGGAAGGCCAGCTTGAAGCCCAGCCGGTGGGAAGCGGAGGCC  
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>SEQUENCE:5368:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:5370:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:5371:prostate\_MPM2000-004P1Novel007-2-Table1  
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>SEQUENCE:5372:prostate\_MPM2000-004P1Novel007-2-Table1  
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GAGAGAGCTGCTGCAAGAGAGAAAAATAGGGATCGTCCAACCCGAGAACATACAACCTCC  
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>SEQUENCE:5373:prostate\_MPM2000-004P1Novel007-2-Table1  
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CTCAAAGTCACTTGGGTGAGGGGCGCCCGTGGGAGCCAAAAATCCCATCTTACACCCACC  
CCCTGCACACTGTGGAGTTGGGCTGTGACATGCTGGAGAAAGGTGTCTTTGTCTAATTAT  
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>SEQUENCE:5374:prostate\_MPM2000-004P1Novel007-2-Table1  
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GGGCGGGAAACTGACCCAGTGCCTGTGTTGCAGACCATTTCTGAGGTCTCCACCATCCAA  
GGAGGCACAGCCGTCATTACTGTCCTCCATGCCTTCAGCAGCCC  
>SEQUENCE:5375:prostate\_MPM2000-004P1Novel007-2-Table1  
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GGAGATCCGTGCACTGCCTTCAGCTCTGGGTTGAACTTACAGCTGGACTAGAGGATGGGA  
AGGCATCAAAAGGAACCCAGCCCACCAGGAACTACCAGCTTAGGCTCTGACCAGGAAAGA  
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ATGGGTTTGGAAACAGAGGAACAGGAGCCCAGCATCATCGGGAAGCTGAAGGTCGCTGGC  
ATGCTGGCAGTAGGCAAAGAAGTCAACCTGGTCCTACTGCTCAAAAACCTGAGCAGGGAT  
ACGAAGACAGTGACAGTGAACATGACAGCCTGGACCATCATCTACAACGGCACGCTTGTA  
CCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTAT  
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>SEQUENCE:5383:prostate\_MPM2000-004P1Novel007-2-Table1

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GTCTATCACCTCCTACTTTTTTCTCTATAATCCGTCTCACCTGCCCAAGCCCCATATAC  
ATTGGTATGCTTTGTTACTTAGATTAGTTTGGATTTTCTAAACTATATGTAAATAGAAT  
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TACAAATATTACAATTTGTTTATCCATTCACTTGCTGATGGATATTTGGGTTGGTTCCAG  
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>SEQUENCE:5384:prostate\_MPM2000-004P1Novel007-2-Table1

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TTAGTTTAATAAAAGAAAGAGAAAAACAAAGATTCCCAGGTTGTTATGTGCTTCTTCTG  
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>SEQUENCE:5385:prostate\_MPM2000-004P1Novel007-2-Table1

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GCTGCAGCTTTCCGCCGCTTGAGCGCCTTGTCGGGAGCTGCGGCCTTAGGCTTCGCTTCC  
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ACAAACACCACTTCTTTACACAGCCTGGCCCTGTTAGGGGTGCCCCATTGCAGAAAGCCA  
CTCTGGGCTGGGTTATTGCTAGCTTCCGGAACGACCTTATTCTGCACCAGCTATTACTAC  
CAGGCTCTGAGTGGAGACCCCAGCATCCAGACTATGGCCCCTGCGGGAGGGACCCTGCTA  
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>SEQUENCE:5386:prostate\_MPM2000-004P1Novel007-2-Table1

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GCAGCCTNCTACTCCTGGGCCTCCTTGCGGGTCAACTTGATAGATCTCAGTGGGTCTGTCAC  
ATGGGTGATAGTGGTGGTGGAGCTGGAGTTCTTCCCCACTATGGACACCCAGATCGCCATT  
GGACTGGTCTTCTCCATAGTTTTTATGGGATGGTGCATACAAGAACATCAGAGCAAAGAC  
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>SEQUENCE:5387:prostate\_MPM2000-004P1Novel007-2-Table1

GGAGCGCGCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCG  
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GGGAGGAATGTTTTCGGGTCATACGGAGTGTGCTGGAGAAGTGATTGAGAGGAACGGACG  
GAAGCTCAAGCTCTTCTACGGATGAGNCTCTGACANCCGCCATGAACAAGCACGCAGGAG  
GAGTTGCTGAGTACCTTTCTCGGGGTGTCTGCGTAACTGCCAGACTTGCCTTGGTTTGG  
TCAGATGACACCTCCTCTGGGACTGGCTAGCCAGCGTTTATGTCTACATTATTGATCTCG  
TCTTCCGGTGTGTGAGTCACTCACCTGTGAGCTCCTAGAGGTCAGCGACTAAATCTGGTT  
CCATGGGGTCCCTTGGGCCCTCGGAGCCCTAGCACAAGGCCCACTACTCAGTTGGCTCTTA  
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>SEQUENCE:5388:prostate\_MPM2000-004P1Novel007-2-Table1

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GAGGGCAGAATGCATGCTGCAGCAGGCGGAGAGGCTGGGCT

>SEQUENCE:5395:prostate\_MPM2000-004P1Novel007-2-Table1

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C

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AGCTGCCTATGATCAGCAAGACTGGGGAGGCCGAGACCATCACCACTACTACCTGTTCT  
TCCTGGGCCTCTATCGTGCTTTGTATCTTGGAACCTGGATCTGGCGCTTTTACTTTGAGG  
GCTTCTTTGACCTCATTGCTGTGGTGGCCGGCGTAGTCCAGACCATCCTATACTGTGACT  
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>SEQUENCE:5396:prostate\_MPM2000-004P1Novel007-2-Table1

ATACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGATTAGT  
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GAACATACTTTGGCCATTACCCCCAGCTTTGAGGAAAATGGGCTTTGGATGATTATTTA  
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>SEQUENCE:5397:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTTTTTT  
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CGATCTCGGCTCACTGCAACCTTCACCCTCCAGTTTCAAGCGATTCTCTTGCCTCAGCCT  
CCCAAGTAGCTGGGATTACAGGCACCCACCAAGCCCAGCTAATTTCTGCATTTTTAG  
TAGAGATGGGGTTTCGCCATGTTGGCCAGGCTGGTCTTGAACCTTCTGACCTCAGGTGATC  
CACCCGCCTTAACCTCCCAAAGTGCTGGGATTACAGGGGAAAAGGCACCGCGCCCAGCCT  
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>SEQUENCE:5398:prostate\_MPM2000-004P1Novel007-2-Table1

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C

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GCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATA  
CCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATT  
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>SEQUENCE:5399:prostate\_MPM2000-004P1Novel007-2-Table1

GGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTGCTTTACTCGAAAAAGCGGAGT  
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CAAAAACATTTTGAAATGTTTTTTCATCTACTGATGTTTTATATAAACAGGATTTTTTAG  
GAATAATTTATACACAGAAAGTCATTTTATGTAACAAATTGGACATGTTATTACCTTTTT  
TTTTCTTACTTAAAAAATTTTTTTTAAACAAGAAACTCAGAAAATGCATTATTTGCGG  
TGCATCCATTCCATACCGCCTTCTGGTTCGATTTTTTGTATCCCAGACAAAGGGATACCC  
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>SEQUENCE:5400:prostate\_MPM2000-004P1Novel007-2-Table1

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ATATGCAAAGGACCACACTGTCTCTGCTTACAGGAGTATTTAGAAATGTTTCACATTTTA  
CTGAAGACATAGAGATGATGCTGCTGCTTAGGTGCCTTTTAGCAAGCTATGCAAACAATC  
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>SEQUENCE:5401:prostate\_MPM2000-004P1Novel007-2-Table1

ATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTA  
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TGGAGGTCCAGCTGCCAGAGCTCTACCACAAAATAGGTGTTGGCGCAATGGCATGGTCTC  
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CTTCACTGAAGTGCTACCAGTGGTTGAAAGAAAGAATTGTAAGTGAAGAAGGGAGAAAAC  
AGCAAAACAAGCTAAAAGACCTTTCCCAATTGCGGAGCGTCTGGGATGCACACTACCTC  
AGCTAGCTGTTGCGTGGTGCCTGAGAAATGAAGGTGTGAGTTCTGTGCTCCTGGGATCAT  
CCACTCCTGAACAACTCATTGAAAACCTTGGTGCCATTCAGGTTCTCCCAAAGATGACAT  
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>SEQUENCE:5402:prostate\_MPM2000-004P1Novel007-2-Table1

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ATCTAGCACTGGAGAAACGAGGAAAATTCTTCCAGCGATGGTCTGCCACTCAGAGCTGAG  
GAAGCTTTTCTACTCAGCAGATGCTGTGTGTTTTGATGTTGACAGCACGGTCATCAGAGA  
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GCTGGTGAATATGCAGGTTTTGATGAGACGCAGCCAACAGCTGAATCTGGTGGAAAAGGA  
AAAGTGATTAACCTTTTAAAGGAAAAAATTTCAATTTTAAAGAAAATAATCATGATTGGAGAT  
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CT

>SEQUENCE:5404:prostate\_MPM2000-004P1Novel007-2-Table1

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CCCGCGGCGGAGGATGGCAGGGCTTGTTCCAGAAGGCTTGAGGGTCCCCGAGTGCACCG  
C  
CCTACCACCAATTTCTGGTTTTTCTGTGGGAGCCCAAGGAGCAAGGGCAGAATGAGGAA  
CATGATGTTTCTTACCGACAGTTACTCATGACGTCTCCATCCAGGACTGAGGGGGGCATG  
CTTCTCCATCTAGGACTGGGGGCATACTTCTCCATCCAGTATTGGGGGTCTTACTCCTAC  
ATACAGGACTTGTGGGTCATGCTGCTTCATCCAAGACCTGAGGGGTGTTCTTTTCTGCGC  
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>SEQUENCE:5405:prostate\_MPM2000-004P1Novel007-2-Table1

CTATACGGCGAATTGGAGCTTCACCGCGGTGGCGGCCGCGCCGGCAGGTACTGAGTATAAA  
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CCAGGATGATCTTGAACCTCTGGCCTCAAGCTATTAATTTCTTCCCAACTCAGCCTCCCA  
AAGTGTGGGATTACAGGCATGAACCACAGCGCCAGCTTAACAGGATTTTTTCAAGAGAGAA  
AAAGTTTTTTAATTTTAAATGAAATCCACCAATTTATCTATTTTTTCTTTTACGGCATGTG  
CTTTTGGTGTAAATGTCTAAAACTATACCTACGCCTAGGTTGTAAAGATAGTCTGTTTTT  
AGTTTTATAGCTTTCCATTTTACATTTAGATATATGATCCATTTTGAGTTAAGTTTGTAT  
TACATGTAAGGTTGGGGTTCTTTGTTTTGGTCTTTGACAAATGGAAGTCCACAACATTT  
ATTGAACTCTTCTTCTCCATTGGTTTTAAGATAAATCCGTTGGCCATACTTCTGAATG  
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>SEQUENCE:5406:prostate\_MPM2000-004P1Novel007-2-Table1

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GGAAGAAAGCCTGCGTAAAGAGCTGGTGGATATGCTAGGTGATGATGGTGTGTTCTTATA  
TCCCTCACATCCCACAGTGGCACCTAAGCATCATGTCCCTCTAACACGGCCCTTCAACTT  
TGCTTACACAGGTGTCTTCAGTGCCCTGGGTTTGCCTGTGACCCAATGCCCACTGGGACT  
GAATGCCAAAGGACTCCCTTTAGGCATCCAGGTTGTGGCTGGACCCTTTAATGATCATCT  
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>SEQUENCE:5407:prostate\_MPM2000-004P1Novel007-2-Table1

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G  
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GCCATGTCTTCTCACAAGACTTTTCAGGATTAAGCGATTCTGGCCAAGAAACAAAAGCAA  
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GGGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTAT  
CGATACCGTCGACCTCGAGGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGT  
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>SEQUENCE:5408:prostate\_MPM2000-004P1Novel007-2-Table1

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TGGGTCCCTGCGGCCACTCTTATTTTGGTGCCACACTTAATAGCTTCATCCACGTCCTCA  
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TTATCGATACCGTCGACCTCGAGGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGA  
GGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTAT  
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>SEQUENCE:5409:prostate\_MPM2000-004P1Novel007-2-Table1

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CATGCATTAGCCACTACACAAGTCATTAGTGAAAGTGGTCTTTTATGTCCTCCCAGCAGA  
CAGACATCAAGGATGAGTTAACCAGGAGACTACTCCTGTGACTGTGGAGCTCTGGAAGGC  
TTGGTGGGAGTGAATTTGCCACACCTTACAATTGTGGCAGGATCCAGAAGAGCCTGTCT  
TTTTATATCCATTCTTGATGTCATTGGCCTCTCCACCGATTTCATTACGGTGCCACGC  
AGTCATGGATCTGGGTAGTCCGGAAAACAAAAGGAGGGAAGACAGCCTGGTAATGAATAA  
GATCCTTACCACAGTTTTCTCATGGGAAATACATAATAAACCTTTTCATCTTTTTTTTTC  
CTTTAAGAATTAANACTGGGAAATAGAAACATGAACTGAAAAGTCTTGCAATGACAAGAG  
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CCTTTTTTAAAAAAAACAATGTATATTATGGTCCTGTGTGTTGAAATTAAAAAAAA  
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TGGCATGATCATGGCTCACTGCAGCCTTGACCTCCAGGCTCCACCTTAGCCTCCCAAG  
TAGCTGGGACCACAGGCACGTGCCACCATGCCAGCTAATTTTTATTTTGGTAGAGACAA  
GGTTTCACCATGTTGCCTAGGTAGGTTTCAAACCTCCTGGACTCAAGTGATCCTCCTGCCT  
CGGCCTTCCACAGTGTTGGGATTACAGGAATAAGCCACTGTGCCCGGCCCTTTTTCTCTT  
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>SEQUENCE:5411:prostate\_MPM2000-004P1Novel007-2-Table1

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CTCGTGGGGGAGAACACGGCTGGGAGGGGAGGAAGCATGGCCAAGGCAAAGAGGTGGG  
C

ATTAATAAGAACTGCTTCTTGCTGCCGCCATATGAAGAAGGACGTGTTGCTTCCCCTTC  
CTCCATGATTGTAAGTTTCCTGAGACCTCGCCAGCCATGCTGAACTGAATACAACATGTT  
TAAGACCACAGAACATCTGCATAGGCTGTAAATTTGTTGAATGATGGATGCAAAGATGG  
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GCGGCCGCT

>SEQUENCE:5412:prostate\_MPM2000-004P1Novel007-2-Table1

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ATTGCTCCACTGCTCTCCAGCCTGGGCAACACGAGCGAAACTCCATCTCAAAAAAAAAGA  
AGAAGAAAAGAAAAATGGCAACCCAGGTATGCAACTAGAAAAATCCAGACTATGGAAAAA  
CCCTGCAGGATAAAAGATCAATTTCTTCAGCAAATAAATTGTCTATGGTGTGTGTGTGTG  
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TTATTATTGTTAAACTTTTAAAGTTCAGGGGTACCTCGGCCGCTCTAGAACTAGTGGATCC  
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>SEQUENCE:5413:prostate\_MPM2000-004P1Novel007-2-Table1  
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TCCTTCACAAAGCTGGTCATTTTTTCAACAACTTGTCTTTTTTCATCTGTGGCAGCTGGG  
AAATTCTGAACATCACGTTCCACATCAGAAATTTGTTTCTTCATCTGATCTAGGTTCTTT  
TGCAAGTTTTTCAGCAGAACTCGGCTGGCTTTCTCCACATGGGCAAGCTCGTCTGGAAAA  
CTTGAAGACATCGGGATAGTCATTCTCCCCCGCGTCCTGCCCGGGCGGGCCGTTCTAGAA  
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>SEQUENCE:5414:prostate\_MPM2000-004P1Novel007-2-Table1  
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TTTCCTCACCTTCATGGGCACCGTGCTGCTCCTGCTGCTGCTGGTCGTCGCCCACTGCTG  
CTGCTGCAGCTCCCCCGGGCCCCCGCAGGGAAAGCCCCAGGAAGGAAAGACCCAAGGGAG  
T  
GGATAACTTGGCCCTGGAACCCTGACCCTGTGTCTCCTGCCCGGTGGCAGTAACAAAGCC  
TTCTGTCTGCCCAGAAAAAAGGTTCTTGGCCGCTCTAGAAC  
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>SEQUENCE:5415:prostate\_MPM2000-004P1Novel007-2-Table1  
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CTCTTTGTCGAGGCTGGTCTTTCCTTCTTGTCGCCGGGCTCACCTGCACCCAGCGCCCGA  
AACCTTCAAGGGACAACGCTGGACCGTACCTTGCCGCTCTAGAACTTAGGGGTTCCCC  
CGGCTGGCGGGATTCCATATCAAGCTTATTGATACCGGCGACCTCGAGGGGGGGGCCCGGT  
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GCT  
>SEQUENCE:5416:prostate\_MPM2000-004P1Novel007-2-Table1  
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GTGACCTGTCTTTGAATATAACCTGGTATCTGAAAAGCGCTGATTGTTACAATGAAATCT  
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>SEQUENCE:5417:prostate\_MPM2000-004P1Novel007-2-Table1  
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ACTGCGCCACCAGCTCCCAGCACAAACAGCTCCGGCCGCTCTAGAACTAGTGGATCCCCC  
GGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGT  
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CATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTAACTCACATTAATTGCGTTG  
>SEQUENCE:5418:prostate\_MPM2000-004P1Novel007-2-Table1  
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G  
TCCAGGACATCTGAGGACATCGCTGTGGGGCAGGCATTGTGGGATGTGTGTAGCTCAGTG



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GAGGTGGGGAGGAACGGGGAGAGCAGGTGCTGGCAGGGAATGAAAGCCCTACAGTGTAAG

AGCTGGATGAACTTCAGAGCTCATCTAGTCAAAGTCCCTCATTTTACAGATGGGGAAAC  
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>SEQUENCE:5419:prostate\_MPM2000-004P1Novel007-2-Table1

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GCGCGCTGCAGCCCAGGCTGATGTAGACAGGCAGCTTCTCCTGGGTGAGCGACAGCCGGT  
ACTTTTTTTTTTTTTTTTTTTCGGCCTAAAAGCGGTAGAAATTTAATAAATAGATATGA  
ATTGATTGATTCATTAATAGTATAAAAAGAAAATTTGGGGGTGGTTTTT

>SEQUENCE:5420:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACACGCTGCCC  
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G

GGATGAGCTCAGGACAGAGCCAGAGGCCAAGAAGAGTAAGACGGCCGCTCTAGAACTAGT  
GGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGA1ACCGTCGACCTCGAGGGG  
GGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATC  
ATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATACG  
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>SEQUENCE:5421:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACGCGGGGGG  
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CAC

>SEQUENCE:5422:prostate\_MPM2000-004P1Novel007-2-Table1

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CCCACCCCCCCCCCTTTGGGGTTAGGGGGGGGGCCCTCCCCGGAACCCCCCCCCGGAATC  
G

GGGGGAACCAATTTTGGGGGCCCCTATTCCCCCAGTCCGGGGGGGTTTTTTTTTTTTTACC  
CTGGGGCCCCCAATTTTCTTTTTTTGGCCCGGGGGGGGGGGGGCCCCCTTTTCCCCAGGGT  
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>SEQUENCE:5423:prostate\_MPM2000-004P1Novel007-2-Table1

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CCTCTCCCAGGCCAGTATGAAGATGACCCTCATTGGTGGTTCCACTACCTCCGCAGCCA  
GCAGTCCACCTACTACGATCCCTATGACCCTTACCCGTATGAGACCTACGAGCCTTACCC  
CTATGGGGTGGATGAAGGGCCAGCCTACACCTACGGCTCTCCATCCCCTCCAGATCCCCG  
CAAGGACTGTTGGAGGAGAGTTAGCCCAAGTATAGGCTCTGCCAGATGCCATCACATCC  
CTGATACTGTGTATGCTTTGAAGCACCTTCCCTGAGAAGGGAAGAGGGGATCTTTGGACT  
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>SEQUENCE:5424:prostate\_MPM2000-004P1Novel007-2-Table1

CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTA  
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AATGTCAATTTTAAATATTATAGAATAAAATGTGCCAACATTTTAGAAGATTTGCATAA

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>SEQUENCE:5430:prostate\_MPM2000-004P1Novel007-2-Table1

GTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGG  
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GTGGTGGAGCCCTACAACGCCACCCTCTCAGTCCACCAGCTCGTAGAAAACACAGACGAG  
ACCTACTGCATTGATAACGAAGCTCTCTACGACATTTGCTTCAGAACCCTAAAGCTGACC  
ACGCCCACCTATGGTGACCTGAACCACCTGGTGTCTGCTACCATGAGTGGGGTCAACCACC  
TGCCTGCGCTTCCCAGGCCAGCTCAATGCTGACCTGCGGAAGCTGGCTGTGAACATGGTC  
CCGTTTCCCGGCTGCACTTCTTCATGCCCGGCTTTGCCCACTGACCAGCCGGGGCAGC  
CAGCAGTACGCGGGGTAGAAGACATTGCTATTTGAGCTTTAAAATGTAGTAATTTCTGAA  
TTACCAACAAGACCTTATTTAAATGCTGAGAGCTGCATTATGATGAAGCATTAGTCTAGC  
TGGATGATTTCCAGATGGATTTTTAAACATTAATAAATGTTTCACATTTATTTGATCAAT  
AAATGCATATATATGCTTTTAAAAATTAAAGAGTA

>SEQUENCE:5431:prostate\_MPM2000-004P1Novel007-2-Table1

GACTACTATGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTAAGTGGCACACACA  
GGATGGTGTTTTAAAGAGTGGGCTGCACCCCCCACACGCCATTTACATCAGCTTCATAAA  
CACTTTTCTTCCTCCCTGTAACCTTAACCTTTTTTCCCTTTATGAAGTTGAGAGGCTTTA  
TGAAATAAGTTGCATTGCACATCCGTGCAGAAATCTTCTGACTTTGAAATTTTAGGAC  
GTCAGCTGTCAGATACGAAAGGTAGATATCAGGTAAGAATCTGGACTTAGGAAATAGTCA  
CAAACTGTCATAGGTTGTAATTTTATCAACATTCGCTTCTAGTAAAATTAAAGTCAATT  
AAGAAATAGAACTTGGGTCAAATTTCTGTTACAAAGCTTCATAATTTGTCCCGAAGCATA  
TGGTGGAGCATTCTGAGAAATTTGCTTTTTGTGTGTTTGACATTCCTAATTTGGGAGTCC  
TTCAGCTGAATTACTATTCTTTTAGAAGTTGAGACAGCAGGTAAGCAAAGGACCTAGTTC  
ATGTAAACATGGACATCATGATGGCTATTTAAAAAATATTTGTTCTACACCTTCTCCCCT  
GAGGCTTGGGGAGTGTGTTTCAGCCGCTGCAGTTTCTCTGCTCATGGAGGTCTTGTTTGGA  
TCTGTGCTGGCGGCTGAGCATTAGT

>SEQUENCE:5432:prostate\_MPM2000-004P1Novel007-2-Table1

TACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATTATACTA  
CTTAAAGCAACCACTAAAAAATTAATACAAAAATACAAAGAAATATATTTAAAAAACAC  
TACAAATATATCAAATGGAATTCTAAAAAATGTTAAAGACAAAAAATAAACCCTAAA  
CAAACCAAGAAAGAAGCAACAGGAAACACAAAAAACTAATCATAAAATAGCAGACATAGC  
ACTAACATAATTATTGTAACTTTAAATGGTCTAAATACACCAATAAAAGACAGAAATAT  
GCAAACCTGGGGCCAGACACAGTGACACATACCTGTAATCCCAGCACTTTGGGAGGCTGAG  
ACTACAGGCACGCGCCACCGCGCCCGGCCCGCGTACCTGCCCGGGCGGCCGCTCTAGA  
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CTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTT

>SEQUENCE:5433:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTAAGTCACTGCTCTAA  
GTAGGTGCCCACTTTGATAAAGTGCTGTCCCAGTCTGTGCTGTCCCAGTCTGGAAGGGT  
CGCTACCCATGAACGTAGCAGCCATCCTGCTATTGGGTAAAGTCATCTGCATGATGACTGT  
AGCCTGTTCTGCCATGCTCTTATGAGTCTGAAGGGCAGCATATGCAGTTACTAACTGCTT  
CCCAGTCCAGGGGGTCAATTATCCATGAACATACCCATCCTGCTATTACTAACTGCTTCTC  
TATCAATAAAGACAAGCTCAGCTCCATAGTTGGGGCCAAAAGCCTACTGGCATACTCAAG  
CACTCCGTGCACTGCTATAGGCCCTAACTGAAACTATCTGTGGTCACATGCACATCTAGC  
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>SEQUENCE:5434:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGGTACAAACAAATCC  
AGAATATGAAGACTGCAATAAATATCTAACTTTTTAATGCCAGACACTGACAAACATCC  
ACAAGCATCAAGACTATCCAGGAAAACATGACCTCACCAAAACAACCTAAATAAGTCACCA  
GATCCCAATTCTGGAGCAACGGAGATATGTGACCTTTCAGACATAATTCAAAATAGCTAT  
GTTGAGGACACTCAAAGAAATTCAAGATAACATAGAGAAGGAATATAGAATTTTCTCAGA  
GAACTCAACAAATATATTGAAATAATTAAGGAATCAAGCAGAAATCTTGGAATTGAA  
AAATGCAATTGACATACTGAAGAAGACATCAGAGATTTTAAATAACAGAATTGATCAAGC  
AGAATTAATAAATTACTAAGCTTGAAA

>SEQUENCE:5435:prostate\_MPM2000-004P1Novel007-2-Table1

GGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTAAGTCACTTTTTTTTTTTTTTTTTT  
TTTTTTCACACTTGGAAGTCACAGCACAGCCACACTTAAGGAACAGAGAGTCAGGCTCC



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CCTTGCTCCTTAATGGCAGAGTAGCTACATAAATTATTTGGAATGCTACATGGCAAATTT  
ATCTCTTTCTCCCCTTTTTTGTATCTATCACTAATTATATATCAGTATGGACTCATGG  
ATATTTATTTTATATTTTCGGGTTACAACCTTGTTAGTATTTTATTTTGTGTTCAAATAGA  
TTCCTTCCAGCTTTGGGCCACTGGGAGCCTTTTCAGCTGGCTCCCTGGGTACCCTCTGAC  
ATGCCCCCCTTAATTGGGGGCGTTTTTAAAGCAACTTTACTTTTTGGCCCTATAATATG  
GTTCAAAGCTTCAATTTATATAT  
>SEQUENCE:5436:prostate\_MPM2000-004P1Novel007-2-Table1  
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G  
GGGGGAAGCTGAGGGCTGAGACCAAGGGCTAAAGCTGGGAGACTGAAAAATGCAGACCG  
CCGGGGCATTATTCATTTCTCCAGCTCTGATCCGCTGTTGTACCATTATTTTATGTTGTG  
CCAGTGAATCCGGTTGCCAGAAATAAGTCTGAATGTTTTCATGCATCTTTTTCTTAAATG  
CAAGAGCTTCTACTGACTCTTAACAAGCATGCTTACCCAAATTTTGTGTCATGCTTTTAA  
GTAGCATTAGCTATGCACACTTGACATTTTTAAATATCCCTTTCCTAGTGTACCTCGGCC  
GCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCG  
TCGACCTCGAGGGGGGGGCCCGG  
>SEQUENCE:5437:prostate\_MPM2000-004P1Novel007-2-Table1  
AGGGCAATTGGAGCTCCCCGCGGTGGCGGGCCGAGGTACATTAATAAGACACCTCAGAAGT  
GAATCAAACCTAGTTTTTACTAAAATGATGGGATAAAGGTAGTGTCTATGCTGAAGAGCA  
GCTTCACTTGTTTCCCCACAGAAAAAGGCCCAAATTTTTGGAGGATAATTTAAAACTA  
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GCGGGCAGATCACCTGAGGTCAGGAGTTCGAGACCAGCCTGGTTAACATGGCGAAATCCC  
GTCTCTAATAAAAAATATAAAAATTAGCCGGGCATGGTGGCATGCACCTGTAATCCCAGCT  
ACTCAGGAAGCTGAGGCAGGAGAATCATTTGAACTCGGGAGGTGGAGGCTGCAGTGAGCC  
AAGATCACACCATTGCA  
>SEQUENCE:5438:prostate\_MPM2000-004P1Novel007-2-Table1  
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A  
GCCTGCGGATGGCATGGCTCTGCGGCTCACCTTGCTGCAGTTGGTGGTGGTGACAGAGAC  
TGCAGCTTGACTGTAGTGAATTTGGAAATTATCTGTCTGGAAGCTCTGAGTTTATCTTGG  
GACCTCAAGAAGAGAGGATCACCCAACCTCACAGCAATCAAATCCAAATGGTGCTATAAA  
CTGAACCACACATGGACACGTCAGTCTTCCGAGGACCTTTAGATCAACCCCAGGAGGAGC  
CCTAGCTGCTGTTCCCCATTGACGCCCCCTTCCAGCAGGAAGTAGCCAGAAGACATCGT  
CGCCCAAACCTCTAACAGCAGTTAGTGCGGCATCTCCACAGGGGGGAATGTTTGAGGAGT  
TATTGATAAATTATTTTAGGC  
>SEQUENCE:5439:prostate\_MPM2000-004P1Novel007-2-Table1  
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CAGACCTCCAGGAGAGACCAGGCCCAGGATGCCTCGCCTGTTCTTGTTCACCTGCTAGA  
ATTCTGTTTACTACTGAACCAATTTTCCAGAGCAGTCGCGGCCAAATGGAAGGACGATGT  
TATTAAATTATGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATAT  
CAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTT  
AGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATT  
GTTATCCGCTCACAATTCCACACAACATACGAGCCGGGAGCATAAAGTGTA  
>SEQUENCE:5440:prostate\_MPM2000-004P1Novel007-2-Table1  
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TTTTTTTTTTTTTTGGAGCTTATTAGAACATTTATTTTTTTCTGAATGACAGGCCGGGA  
GTGGGAGTAGCTGAACAGGGCATGTTAGTGGTGTGAGTGCTGGCTTAAACGAAGGAGCTG  
GAATGGGGGT  
>SEQUENCE:5441:prostate\_MPM2000-004P1Novel007-2-Table1  
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ACCCATTCAATGTAGTATAGACACCAAAATGCTAAGAGTGATACAATACATTACTGAT  
GTGTGGATTAATTCAAGTTCACGCATCTACTTGTGGTACAGCACATCTGTCAAAGGTGA  
TTATGAGTCAATCATAAAACGGGTTTGATTGTTCCACATTATACCTATATAATGGACAC  
>SEQUENCE:5442:prostate\_MPM2000-004P1Novel007-2-Table1  
TAACTATAGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCCCGGGCAGGTACCCCGGA  
A

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ACTATTTTGGATTAAGGTCAATTAGGACTAACATCTAATACGTGTATTTTGGTTTCCTCA  
CCTCTAGGCACAGACCCACAGGCTCCTCGGACACTGGGTCCATCACCTCCTGCCCCATC  
ATCCACTCCAACACCAACAGCCCCTATTGCCACTCTGAACCAGCCTCCACCACCTTCTTCG  
TCCAACACTGCCTGCTGCCCCGGCTCTTCACCGGCAGCCTCCTCCACTCCAGCAGCAGGC  
TCGGTTCATCCAGCCCCGGCCAACCTTTAAATCAGCCTCCACCACCTCTTATTCGCCCTGC  
TAATTCCATGCCACCCCGTCTAAACCCAAGACCGGTGTTGTCCACGGTTGGGTGGTCAAC  
AGCCACCATCACTTATTGGAATT

>SEQUENCE:5443:prostate\_MPM2000-004P1Novel007-2-Table1

GCGTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGC  
GGNGATGCTGCATTGTGTCTGGGAGTTGCTGACAGCCATGGCGCCGCAGGTCTGGCGTCTGA  
CGGACCCTGGAGCGGTGTCTGACGGAAGTCGGCAAAGCCACGGGTCTGGCCCGAGTGCTT  
C

CTCACGATTCAGAGGGATTGGCATCAAAGTTCACCTCTTTAACAAAAGTGCTTTATGACT  
TTAATAAAATATTAGAGAATGGTAGGATCCATGGAAGCCCCTTGCAAAAACCTTGTGATAG  
AAAATTTTGATGATGAGCAGATTTGGCAACAACTGGAATTGCAAAATGAACCAATTTTAC  
AATACTTTCAGAATGCAGTTAGTGAAACAATTAATGATGAAGATATCAGTCTTCTCCCAG  
AGAGTGAAGAACAGGAACGTGAAGAGGATGGTTCAGAGATAGAGGCTGATGACAAGGAGG  
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>SEQUENCE:5444:prostate\_MPM2000-004P1Novel007-2-Table1

ACGGCGAATTGGTGCTCCACCGCGGTGGCGGGGGCCCGGGCAGGTACTTTTTTTTTTT  
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CGATCCCGTTACGTTCCCTCTCTCTCTCCCGCTCCCTGTCTCGTTCTCGTTCCCGATCT  
CTCTCTCTAGCCCTTTTCT  
CTTTCT  
TGATCT  
ATCCCTTGCTTGATCT  
TCGAGTTTCCCAGCT

>SEQUENCE:5445:prostate\_MPM2000-004P1Novel007-2-Table1

GACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCCGGCAGGTACTTTT  
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ACGATCTCAGCTCACTGCAACCACTGCCTCCCGGGTTCAGGCGATTCTCCTGCCTCAGCC  
TCCCAGTAGCTGGGGTTACAGGCGCCACCACCACGCTTGGCTAATTTTTGTGTTTTTAG  
CAGAGACGGGGGTTTACCCTATGTTGGCCAGGCTGGTCTTGAACCTTTGACCTGAAGTGAT  
CCGCCCCGCTCGGCCTCCCAAAGTGCTGGGATGACGCGTGAGCCACCATGCCCGACGTGA  
AGACAGGAATTTATACCCATGGAGTGCAAGAAGGGACCTTGTAATTTTTAACACGTGACA  
CTTAGTGGCAGATGAGACCTAATGAAGCCAGGCCACCTTCCACACCAATTATAAATTC  
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CGCTTGACAAACACCTGT

>SEQUENCE:5446:prostate\_MPM2000-004P1Novel007-2-Table1

ACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCGGCCGGGCGGTACCCCGGGA  
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AGCATCCCATAACAAGGGCAAAGCTATCCAGGTTCCGGCTAACACATTTTCTAAGTCGCC  
AGTGCTGCTTACAGTTTGAATACATGAAAATCCTGTTTCTGAGATGTTTGCGCACGTGCT  
TATTAGGAAATGAGTCTGTATGGAAATCTCACCACAGATAATGGTTAACGAACCGGGTCTG  
ACATCACAAAGGAGGGTGGAGACTCTTTTTACTAAGTTGAATGAGACAAAAGCAGTGGTG  
TCAGTTTATAATCCTGATGCATTTAGTAATAATGTAGAAAAACATTATTTTAAAAAAGT  
TCCAACACACAGCCATGA

>SEQUENCE:5447:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTACTATAGGGCGAATTGAGCTCCACGCGGTGGCGGCCGAGGTACTGGGGTGAGAT  
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AACAAATTGATAAAGCTTCCCACATTTTTTTTTTTTTTGGAGATGGAGTCTCACTCTGTCACC  
CAGGCTGAAGGCANNATCGCATGATCNNTCGGCTCACTGCANNACCTCTGCCTCCTGGGA  
ATCAAGGGGAATTCTCCTGCCTCAGCCCTCCTGAGTAAGCTGGGATTACCAGGCTCCAC  
CACANCCTGGCTAATTTAGTATTTTATAGTAGAGACAGGGTTTACCCTATGTTGGTCAGGCT

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GGTCTCGAACTCCTGACCTCAGGTGATCCACCTGCTTCCGCCTTCCAAAGTGCTGGGATT  
ACAGGCATGAGCCACTGCGCCTGGTCAATTTCCCACATTTTCTTAAGATTATGTTTGGGC  
CACAGAAGCTCAACCCAAAGCTATCT

>SEQUENCE:5448:prostate\_MPM2000-004P1Novel007-2-Table1

CGACTACTATAGGGCGAATGGGAGCTCCACCGCGGTGGCGGCCGCCCGGCAGGTACTGAT  
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AAATTAAGATTATTGAGAAGTTTATTGCTTTATGGCTGGGCAAGATGCTACTAGCACATT  
TTAGGTAATATATTCTTTATTAATAAACTATGAGGTCATTCTGTTTAAACTTTCAAGATA  
ATTCACGGAAAACAGATATATCTATTCAAATTAACATTAAAGGGCCAGGCTACTAGCTA  
TAGACATTTATATGTGAAGCAGCTCTTTTTTTTTTTTTTTTTCTGAGACCGAGTCTCACTC  
TGTCGCCCAGGGTGGAGTGCAGTGGCCCAATCTCAGCTCACTGCAACCTCCGCCTCCTGG  
GTTCAGGCAATTCTCCTGCCTGAGCCCCCAAGTAGCTGGGATTACAGGCGCGTGACACC  
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>SEQUENCE:5449:prostate\_MPM2000-004P1Novel007-2-Table1

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACCATGTTATTTTAG  
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GTTCTGAATGCTCACTTATTCGTATGGGATTTCTCAGCACACCATTGCTTCTTTATCTG  
ACCAGGATGCAAAACCCTCTTTCAGCATGGCGCATTTGGATGGCAATACTGAGCCAGGGC  
TTACATTAGGGGGCTATTTCTGCCACAGTGTGCGGGCAAAGTACGCGGGAATGTTCAAGC  
TTTAGAAAGATCAGAGCAATTTTCTCTTTCAGTCCAAACTAAGACTCTCTGTATTTAA  
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>SEQUENCE:5450:prostate\_MPM2000-004P1Novel007-2-Table1

ACCGCGGTGGCGGCCGCCCGGGCAGGACGCGTTGGAGGATAAATCATTTATTAATAGGT  
CTGCTTATCAGGAGGGGCGTGAAGGCTCCCAAAGGAAATGCTGGCACCTGGGCCAGAA  
GCCAGGGCCTCTAACTCCTGGGGTTGATTTCTTCAGTGAAGTTGCACCCTACAAAGGGAA  
TATGGCCATTTTTTACTCAACTGAAGGCTGATATCAGGCGATTAGACAGCCATGCATTCT  
GCGTTTGTCTGGAATGGATTGTAGAGAGATGGACTTATATGAGGACTACCAAGTCCCCGTT  
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>SEQUENCE:5451:prostate\_MPM2000-004P1Novel007-2-Table1

ACTATAGGGCGAATGGGAGCTCCACCGCGGTGGCGGCCGCCCGTGCAGGTACAGAGAGC  
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GCCTTCAGGGCTCTGTTTTCTGCTCCCTGCCTTGCCAGGTCCACAAGCAGAGAGGAGTGT  
CAGGCACATGGCCCCGCTGTCAGGCTCCCCAGTGAGCTGCGGGCTCAGCAGGAGCTGCC  
C

ACTGACACACAGGGGACACCCACTCCTGCCACCTTGGGAGCGGTTGCCAGACAGAGCCGC  
ACTGGGTGCTGGTGTCTATCCAGGGACCCACACACTTGCTTAAATGTGATCCTGCTTCCC  
TCTGCACAGCTGCATCCTCTCCTCCTGCAGGACTGTCTGGAACTTGGCTCTCAGTTTGC  
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>SEQUENCE:5452:prostate\_MPM2000-004P1Novel007-2-Table1

CTCACTATAGGGCGAATNGGAGCTCCACCGCGGTGGCGGCCGCCCGACAGGTACGCGGN  
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CCAGGTGAAGTTACACCTGAGCGTGGTCGTTGTGAAGAACGGTCTGTCCAGGAACCTCCCG  
AGAACGTGTGGTCGGCCTTGGCGTAAGCTTGTGCACTCGGAGCATTCCAGGGACACCATG  
GGACAATCCAAAAGTAAACATTCTGCATATTTACATTTTATTAAGCTCCTCTTAAAGAGG  
GCAGGAATTAAGGCTAGCACAGAAAATTTGATTACTCTGTTTCCAACAGTAGAGCAATAT  
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>SEQUENCE:5453:prostate\_MPM2000-004P1Novel007-2-Table1

CGCGGNGGCGGCCGNCCGGGCAGGNACGCTTGGAAGGGGCAGAAAAAGCCCAAACCAA  
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AC



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>SEQUENCE:5454:prostate\_MPM2000-004P1Novel007-2-Table1

TGGAGCTCCACCGCGGTGGCGGCCGCCCGTGCAGGTACTTTTTTTTTTTTTTTTTTTT  
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GCAATCTCTGCCGCCCGGGTTCAAGCGATTCTCTGCCTCACCTCCCAGAGTGGGGATTAC  
AGGTGTGTGCCACAACGCCTGGCTAATTTTTGTATTTTTAGTAGACACGAGGTTTCAGCA  
TCTTGGCCAGGCTGGTCTTGAATTCCTGACCTCGTGATCCACCCATCTCGGCCTCCCAA  
GTGCAGAACCAGATTCTTAAGTCCACAGACTCTNGTATTATGTAATTTATATACAGAAC  
ACAAAGCACTTGATTTGCTTAAGTGTACCTCGGCCGCTCTAGAACTAGTGGATCCCC  
CGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGG

>SEQUENCE:5455:prostate\_MPM2000-004P1Novel007-2-Table1

GGTACTGTTTGTCTGCATCCGGCAGTGGCGGTGTGCCAAACAGTTTGAAAACCCAATCA  
TTAAGTCTTGTCCAGAATGCCGTGTGATATCAGAGTTTGTAATTCCAAGTGTGTATTGGG  
TGGAAGATCAGAATAAAAGACGAGTTGATTGAAGCTTTCAAACAGGGGATGGGGAAAAAA  
GCCTGTAAATACTTTGAGCAAGGCAAGGGGACCTGCCCATTTGGAAGCATATGTCTTTAT  
CGACATGCTTACC

>SEQUENCE:5456:prostate\_MPM2000-004P1Novel007-2-Table1

GGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGGCCTGAGCCAAGGCC  
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GCCACCCGTCCTTTGGTAGCGGCAGTCACGTGACAGACTCCGGGGTGGGTGCTACCAA  
ATACAGCCATGAAGAAAAAGGTGCTGTTGATGGGTAAAGTGGGTCTGGTAAGACCAGCA  
TGAGGTCTATTATCTTTGCAAATTATATTGCCAGAGACACACGTGCGCTTGGCGCAACAA  
TTGATGTAGAACATTCTCATGTTTCGATTTCTGGGAAACCTGGTATTGAACCTGTGGGATT  
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>SEQUENCE:5457:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATAGTGGCCGTG  
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GGATGCATTTGGCATAGAGCCAGGAACACCGGGAATCCTGTTGAGTGTCAACCAGAAATG  
TTCGTGGGGCTGAGGTGTCCTTGGACCAGGAGAGTAAGTCAAGTGCGAGCTGGTCTTGGA  
GGACGAAGTTAGCAAAGTCCCTTGTGAGAGCCACGTAGGCCGTGCCAAAGTAAATCACCA  
TGTCATGAGGAGGAGGAGTTTTTAATTTTGTGTTTAAATCACGTAGGAATTTTGTGGT  
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>SEQUENCE:5458:prostate\_MPM2000-004P1Novel007-2-Table1

GGCGAATTGGAGCTCACCGCGGTGGCGGCCGCCCGGGCAGGTACGCGGGAACCCAGCT  
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>SEQUENCE:5459:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATGGGCAATTGGAGCTCCCCGCGGTGGCGGCCGTGAGCAGTGAGAGAGCTGACG  
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AATCTGATCAGATGGAGCCCTCGCCCTTAGCCAGCTCTTTGTGCGGATACAAACAAAACCT  
CCACAGGGTAGCTTGGCCTGGGTCTGGGTTTACACATGGAACCTTCGCTCAAGGAGAAGC  
ATAAAATTTTGCACAGACTTTTGCAGGACAGCAGTTCCCCTGTGGACTTGGCCAAGTTAA  
CAGCAGAAGCCACAGGCAAAGACTTGAGCCAGGAGTCCAGCAGCACAGCTCCTGGATCAG  
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>SEQUENCE:5460:prostate\_MPM2000-004P1Novel007-2-Table1

TAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTTTTTTTT  
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TACCTCTTTGAACTCAGAAAGTATCAGAGGACTGCAACATAAAACCGGCCCATACAAGAG  
GGCCCCGGGCTACGAAGACAAGGGGTCTTGCCCAACGCTCGCCTACCTCCCAGCTTTGCC  
GGGAACGCGCTCCCACTCAGGGGTCAATGCAGAAACACCCTCCTAAGGGGAAAACGGGAC  
GCCACTCCCTACCCAGGAGACGCCCCACAGGGCTGGAGCTTCTATTGGAAGCCATTTC  
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>SEQUENCE:5461:prostate\_MPM2000-004P1Novel007-2-Table1

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GGCGAATTGGAGCTCACCGCGGTGGCGGCCGCCCGGGCAGGTACGCGGGATTAAAGAC  
C  
TGACAGCTTGAGAAGGTCCTACTGCAATTTATAGGACCTTCTGGTGGTTCTGCTGTTACG  
TTTGAAGTCTGACAATCCTTGAGAATCTTTGCATGCAGAGGAGGTAAGAGGTATTGGATT  
TTCACAGAGGAAGAACACAGCTTCAGAATGAATGGCCAGCGCTTACTGAGCTGTTGAGTG  
GAGGGCTCATGGGTGGGACATGGAAAAGAAGGCAGCCTAGGCCCTGTGGAGCCC  
>SEQUENCE:5462:prostate\_MPM2000-004P1Novel007-2-Table1  
GAATTGGAGCTCCACCGCGGTGGCGGCCCGAGGTACAAAGAAAAATTCCTCTGTCTTGAGA  
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CAAGGTTTAATGGATTAGGGCTGTGCAGGACGTGCTTTGATAAAATGTGTTTGTAGGCA  
GTATGCTTGGTAAAAAGTAATCACCATTTCTCCAGTCTTCAAGTACGCGGGGGCCTTTGC  
AATGCCATGTTTTGTGCATGTTGCTCTAACTTCCCGGAG  
>SEQUENCE:5463:prostate\_MPM2000-004P1Novel007-2-Table1  
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GCATTCATCCCCCTTCGTTCACTCCCATACCAACCAACAGCGACAACCTGGCACCTAGGAC  
AGGGACGTGAGTGAAGGACTGCTGGAGCATAGAACTGACACTGACAAGAAGAACGAGAA  
TGAGAAACCCTGCGACGAGTCTGCTGACAGCTAATATAAGTCTGCAAAATCAGCTGGACC  
ACCAAACGGCAATTGAGAGCTGCACAACCTGCAATTACCTTTATTCAATTAATGCAAAAA  
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>SEQUENCE:5464:prostate\_MPM2000-004P1Novel007-2-Table1  
ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCCGAGGTACACTGTAAACCAA  
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AAAAGAGGAAAAATCACTTCCAATCTTCCCTTCCACACATTCTTAACAAGCCTGCACTAT  
ACCTGCTTAAACTGAAAATATAACAATTACATGGGCCCCACTTCATTACAGAATGCAT  
TTTCTGTACTTGAAAACCTGGAACAGCTTGGGAATGCCATGGGGTTTGATAATCTGCCAG  
GGACATGAAGAGGCTCAGCTTCCCTGGACCATGACTTTGGCTCAGCTGATCCTGACATGGG  
AGAACAACCACATTTTTCTTTGTGTGTGCTTCTAGCAGCTGTTCCGGGAGGACCTTGACCC  
AATAGTGTTCCTATGCTGTTTCTTGTGAAATGCTCTCGGCTATGTAGCAGCTTTTGA  
>SEQUENCE:5465:prostate\_MPM2000-004P1Novel007-2-Table1  
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CAGGTGAAAGAGTAAGTAGCCTCCAACCTTAAGCAGACAGAATAATTTTCTTTAAAATGAA  
AAGAACATTTTAAGCTGTCTTTCCCCCTAAAAGATCAGATCTAGAAAGGGCTGGAAATGA  
ACTGTGCCCAGGAATCTGGGGGTGCTCTCCAGTAAGGCGAACTGAGGCTCATTTGCAGCC  
AAGACTTGGAACCTCGGGATGAGACCTAATGGGCTATTGCTGCCATCTGGCTGCCAAAAAG  
TCCCTAATAGATGGATTTTCCAGGCTGACCCAACCTGTGGGGCGGGGGGGGGTCTCTGGC  
TTCTGTGTCTCTGAAGCGTTTGCTGGCCTCACCTTTTTTGAAGTACCCCC  
>SEQUENCE:5466:prostate\_MPM2000-004P1Novel007-2-Table1  
ATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTTTTTTTTTTT  
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CCACTCTCTACCTTCTTCTCCTCCGAGTTTGTGACTCCGAGATGGACAAAGTGTGTGCTGT  
TTTTGGAGGCTTCCGAGGCATTGGCAGAGCTGTGGCCAGTTAATGGCCCGGAAAGGCTA  
CCGACTGGCGGTCATTGCCAGAAACCTGGAAGGGGCCAAAGCCGCCCGCGGTGACCTTGG  
CGGAGATCATTTGGC  
>SEQUENCE:5467:prostate\_MPM2000-004P1Novel007-2-Table1  
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TCAGAAAAAGCATCCCCGAGGAGGAAGACGAATCGTTAAACATCTGAAAGGGTCAGGCCA  
GCATCTTAGAAAAGCATTCCCGAGGAGGAAGACGAATCGTTAAACATCTTAGGTCAGCTC  
TAGCCTCTCGGAATTTGTCTTCTTCAAGTGGAAACCCCGAGAAGACTGATCAGTTCTTCAG  
TTCTAAAACAATGGCCCAGGGTTTGGTGACGTTCCGCCGACGTAGCCATAGACTTTTCTCA  
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>SEQUENCE:5468:prostate\_MPM2000-004P1Novel007-2-Table1

Table 7  
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CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACCTTCCC  
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CTCCCAGGAGCCCTTGACAGTGTTTACGCCTGAAGCAGCTGCTGCAGAGGTTACTGAAGAG  
CAATAGCCACTTGAGTGAGGAGTGCGGGGAGCTTCTCCTGCAAAGAGGAACACGAAGGT  
GGCCACAGGTCTGGTTCCGAACAGAGACCAGAGGCTCGCCTGGGCAGAGAACAGCATTGA  
CTTCATCAGCAGGGAGCTGTGTGCGCATTCCATCAAGAAGCTGCAGGCCCATGTCCTGTT  
GATCAA

>SEQUENCE:5469:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACAA  
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GGATAGAAAACTTGATGGTGAAGTGCCTTTAGGGAGTGGCAGTGGGCATGGACCTGGGAAG  
GCAGATGTAGTTGTCATGGTACAAGATCGCGGTGCTGGTGGTGAACGAGATGAGCCG  
CACAGGCGAGGGCGCCGTCAGCCTCATGGAGCGGCGGAGGCTCAACCAGCTGCTCCTGC  
C

CCTGCTGCAGGGCCCAGATATTACACTGTCAAACTTTACAAGTTAATTGAAGAGTCTTG  
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>SEQUENCE:5470:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGAGGTACACAGGAAAGGGCCCTGA  
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GCAGTGGCAGCATCTCGGCTCAGTGCAACCTCCGCCTCCTGAGTTCAAGTGATTCTCCTG  
CCTCAGCCTTCTAGTAGCTGGGATTACAGGACAAGGAGAGGGACAAATTCCTTCTTGGC  
ATCCTTATGGCCCTGTGACCTGCTAATGAATGCTGACTCTGAGTTGCTACTAGAATTTGG  
TTTCCTTGTGGCTTCCCAGGAATTGGTCTCACTCTGCTCACTCTGTCTCCCAAGCTGGAG  
TGCAGTGGTACCTGCCCGGGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAA  
TTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGG

>SEQUENCE:5471:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGAGGTACGCGGGGA  
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TCTCCTTTCATTACTTCAGTGATTAGGGTGAGGCACAAAGAGTTTCTTGATCATCCAGAG  
AACATTGACAGACAATTATGAATAATAAAGATGTAAACAATCCATCTGTATTTAAACAC  
TAGCAGCCAGATCTGCTGCCATGATGCCTATTTGGTGTGTTTCTGATTAAATGAAATCA  
CAAGCTGCCTTGTTTAGCCTGCTTTACATTGTAGGTGGCCCGCATTTCCAGAAATAACGT  
TATGCATCTAGATGGAAGCTGCATGTAACAAATCATTATTATCTATTTTTAAAGCTTCA  
AAATGATGGGATATGATCATAGATTTTAGTCTTACTAATCTGAATCAC

>SEQUENCE:5472:prostate\_MPM2000-004P1Novel007-2-Table1

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGAGGTACACGTCCCA  
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GGATACCCTTATCATGCATCTCTGCGAAGAACTGCCCCAGAGAATCAGAAGTTCATCTT  
GCAGGAGGATGGATCTTTATTTACGAACAGTCCAAGAAATGTGTCCAGGCTGCGAGGAA  
GGAGTCGAGTGACAGTTTCGTTCCACTCTTACGAGACTGCACCAACTCGGATCATCAGAA  
ATGGTTCTTCAAAGAGCGCATGTTATGAAGCCTCGTGTATCAAGGAGCCCATCGAAGGAG  
ACTGTGGAGCCAGGACTCTGCCCAACAAAGACTTAGCTAAGCAGTGACCAGAACCCACCA  
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>SEQUENCE:5473:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGAGGTACCTCTGAGTG  
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GGCTCAAGGACAGCTTGCCTGACTGCAGCCATAAGGGTGAAGCCTCTTCAGGTAGAGAAG  
GACTCCAGGTCATTTGGCCAATTTAATGCCGACAGAAGAGGCCACCATCTGAATGTAATT  
TATCTCCTCTTTCATCTCCTTTTATTCCCCTCCTCTTTTTTTTTTTTTTTGGGACAGAG  
TCTCACTCTGTTGCCAGGCTGGAGTGCAGTGGCGTGATCTTGGCTCACTGCAAGCTCTG  
CCTCCCGGGTTCACGCCATTCTCCTGCCTCAGCCTCCTGAGTAGCTGGGACTACAGGCAC  
CCGCCACCACGCCAGCTAATTTTTT

>SEQUENCE:5474:prostate\_MPM2000-004P1Novel007-2-Table1

GACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACCTAA



Table 7  
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ACCAGTCTGCGTGAAGTGCACCATGTTAGAGAACAGCAGGAACAAAATAGGCTACAAGGT  
CACAATAAGAAGCCCTGGATGGTAGCATCAAAGACGAAACATTTAAAAAACCACAGAATG  
AAATCCCCCAAGATGGCAGCTGCTCATTGTCAAGATTATTTACCCGCGTACCTTCAGTCC  
TGGCCAAGCTTTGAGGCTCTGTCACTGAGCAATGGTAACTGCACCTGGGCAGCTCCTCCC  
TGTGCCCCCAGCCTCAGCCCAACTTCTTACCCGAAAGCATCACTGCCTTGGCCCCCTCCCT  
CCCGGCTGCCCCCATCACCTCTACTGTCTCCTCCCTGGGCTAAGCAGGGGAGAAGCGGGC  
TGGGGGTAGCCGGGATGTTAGCCAAGTCCACTGTC

>SEQUENCE:5475:prostate\_MPM2000-004P1Novel007-2-Table1

TGGAGCTTCACCGCGGTGGCGGGCCGAGGTACGCGGGGCTTTTCTTTCTTTTTCGTCCTTT  
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GTCCGCGCCAGATCCCAGCGCGCCTCGTCGCCATGCCTTGGAAA

>SEQUENCE:5476:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTCACTATATACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACG  
CGGGGTCAGCCGCGCGCGCCGGGGCTGCTCCTTCTTCTCCTCGGGCGCCCGCGGGCGA  
T

GTTCAACCGCGCCGTGAGCCGGCTGATCAGGAAGCGGCGCTCTAGAACTAGTGGATCCC  
CCGGGC

>SEQUENCE:5477:prostate\_MPM2000-004P1Novel007-2-Table1

TACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGGGCGTGGTAGCTCACGCCTG  
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TCCTGGTTAACACGGTGAAACCCCGACTCTACTAAACTACAAAAAATTAGCTGGGCGT  
GGTGGCGGGCGCCTGTAGTCCCAGCTACTCATGAGGCTGAGGCAGGAGAAAAGTGTGAAC  
CCAGGAGGCGGAGCTTGCACTGAGCCGAGATCACACCACTGCACTCCATCCAGCCTGGGT  
GACAGGGTGAGACTCTGTCTCAAAAAAAAAAAGTACCTCGGCCGAGGTACGCGGGATCC  
GCAGAGTTGGAGAAGCTGTCAATCTGGTTATACCTTTCCAGGGAAAACCAAGACCAGAAT  
TAACTTGAAGAAGGATGGTGCAGAA

>SEQUENCE:5478:prostate\_MPM2000-004P1Novel007-2-Table1

GGGCAATTGGAGCTCCCCGCGGTGGCGGGCCGAGGTACGCGGGGCTCTCTTTTCACTGCA  
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CGCTGCAGCGACACACGCTCTCGCCGCGGTGATGACTGAACAGATGACCCTTCGTGGCAC  
CCTCAAGGGCCCCAACGGCTGGGTAAACCCAGATCGTTACTACCCCGCAGTTCCCGGACAT  
GAACCTTATCGCTTCTCGAGATAAGACCATCATTATGTGGAAACTGACCAGGGATGAGAC  
CAACTATGGA

>SEQUENCE:5479:prostate\_MPM2000-004P1Novel007-2-Table1

ATTGAGCTCACCGCGGTGGCGGGCCGTGCGTTTGTGGCCGTCCGGCCTCCCTGACATGCAG  
CCCTCTGGACCCCGAGGTTGGACCCTACTGTGACACACCTACCATGCGTACACTCTTCAA  
CCTACTCTGGCTTGCCCTGGCCTGCAGCCCTGTTACACTACCCTGTCAA

>SEQUENCE:5480:prostate\_MPM2000-004P1Novel007-2-Table1

GGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACTCACATCACAATGTCATTTTG  
ATAGGAGCGTTTTGTTATTTTACAAGGCAGAATGGGGTGTAACAGTTGAATTAACTTA  
GCAATCACGTGCTCAGAGCTTTTGCCTGTCAGTTGTGTGTGTCCCTTATTAGCCCTTCCC  
TCACAGTTCTTGCTGAAGGAGGTTGCCTTGTTTTG

>SEQUENCE:5481:prostate\_MPM2000-004P1Novel007-2-Table1

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACACAATGAAGATCTGGCCACG  
GAGCACTGCATAGTTCCAAAGGGGCACGTGGGCATTCTCTCTATGGGCATTGAGCAGACC  
GTCCACAGACCAGTAGTGGTTTGCATCCATGAATGTTAGCTGAAAGGCCAACAACCCATA  
CAGATAGGAGTGGTTGTTCCATGATGTCTTGTCAGGAGAAACACATACCAGTATGGCAG  
CAGGAATAACACACAGCTTATCCGGTAGCACAGGCCCAGCATCATGCCCAGTGCCCCCTGG  
GATTTGTAGGGAGAGGATTAAGAGGTCAAGAGATCACCACAGGCCCAGTTTCCATCCAGT  
CAAGTGGCAGTGGGCGTAGGGCATCCAGCAAGGGGAAGCGGCACCCGCGTACCTGCCCG  
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GCGGCCGCTCTAGAACTAGG

>SEQUENCE:5482:prostate\_MPM2000-004P1Novel007-2-Table1

TGAGCTCCACCGCGGTGGCGGGCCCGGGCAGGTACAAGAAACATGGCACCAGCATCTG  
CTTCTTCCCCGGCTGCTTCCACTCATGGTGGAAAGGTGAAGGGGAGCCGGATGTGCATAGA  
TCATATGGCAAGAGAGGAAGCAAGATAGCGAGGGAGAAAGGTGCCATGCTCTTTTAAATA

Table 7  
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ACCGGCTTTTGAGGGAACTAATTAGATTGAGAACTCCTTG

&gt;SEQUENCE:5483:prostate\_MPM2000-004P1Novel007-2-Table1

TAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACAACCTGATGGTTCC  
CCCCATTACACCAGTGTCCAGTTCCAAGCCAGCTACCTGCCCAAACCAGGAGCTCGGCT  
CTACCAGTTCCGATATGTGAACCGCCAGGGCCAGGTGTGTGGGCAGAGCCCCCTTTCCA  
GTTCCGAGAGCCAAGGCCCATGGATGAACAGGTGACCCTGGAGGAGGCTGATGGGGGCTC  
TGACATCCTGCTGGTTGTCCCCAAGGCAACTGTGTTACAGAACCAGCTCGATGAGAGCCA  
GCAAGAACGGAATGGCCTGATGCAGCTGAAGCTACAGCTGGAGGGACAGGTGACAGAGCT  
GAGGAGCCGAGTGCAGGAGCTCGAGAGGGCTCTGGCAACTGGCAGGCAGGAGCACACGG  
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GCTGATGGAA

&gt;SEQUENCE:5484:prostate\_MPM2000-004P1Novel007-2-Table1

TAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGGGGGAGTTACCAGCTTTG  
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GGCTGCCCTGCGCCAGAATTCGGTTCCCTCAAAATTATAAAAGCAGGAAAGCTCAAGACA  
AAGAAATCCAACAAGGCTAGTGATTTCACTGATATGGAGAATTGGCCAACACCAAGTGAA  
TTAGTGAACACTGGATTTCAAGAGCGTCCTCAGCCAAGGAAATAAAAAGCCACAAAATAGA  
AAAGAAAAAGAAGAGAAGGTTGAAAAGAGAAGTAACAGTGACAGCAAAGAAAACCGGGAA  
ACAAAATTAATGGTCCTGGTGAAAACGTCAGTGAGGATGAGGCTCAGTCAAGTAATCAA  
CGTAAGAGAGC

&gt;SEQUENCE:5485:prostate\_MPM2000-004P1Novel007-2-Table1

TAGGGCGAGTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACGCGGGTGAGGG  
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CCCCTGCCTGTTTCCCCCATACTGAGTTCTAGGGAGGTGCTCACCCCAGACTCTTAGGAA  
GGGTCTAGAGAAATGAGAGGAGCCCAAGCCAGGGGCCAGCTGCCAGAAAGGGTTACCTCC  
ACGCTTCTCTTCCAAATTGGAAATGAAGACAGGTTTTCAAAGGCACAGGCTCCCCCTG  
CCAGCTTATAGGATCTTCTTGGTGTGCAATGGGCCAGATACGGGTTGGCAGCTTGCACC  
CAGTTCTGCTTTATCTGAACCTATTTTCTGGGGAGAGGTGCC

&gt;SEQUENCE:5486:prostate\_MPM2000-004P1Novel007-2-Table1

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCCTGGTATCGCGGGGTTCAA  
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CCTGAAGACACACGCCAGGCATTTCAAGGGCAGGCACAGCTTACCACACCCGCTCTGCGAT  
ATGAGCCTCCTGAAGAATCGATTCTCAGGCCAGGTGATGACTCCAGCCACGACCTCATG  
CTGCTCCGCCTGTCAGAGCCTGCCGAGCTCACGGATGCTGCGAAGGTCATGGACCTGCC  
ACCCAGGAGCCAGCACTGGGGACCACCTGCTACGCCTCATGCTGGGGCAGCATTGAACCA  
GAGGAGTTCTTGACCCCAAAGAACTTCAGTGAGTGGACCTCCATGTTATTTGCAATGAC  
GTGTGTGCGCAAGTTCACCTCATAAGGTGACCAAGTTCATGCTGTGTGCTGGACGCTGG  
ACAGGGGGCAAAA

&gt;SEQUENCE:5487:prostate\_MPM2000-004P1Novel007-2-Table1

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACCGGGGCAGA  
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AGCCCGGCGAACCGCGCAATGCGCTTCTTCTGCCTGCAGCAGAGAAAAGGAAAGAAAAC  
CCGCAGGGGCTCCGTTGGCTTCTCCACGAGTGACGACCATGTTTTCCAGATAGAAGACC  
GGAGCCCTGCTCCTTTGCGATCCGCCGAGGGCTGCAGAGAGCATCCTCATCATTGGGC  
ACCCCTGCCAGGAAGAGCCCGGCCATCCCTTTCCGGACTGGATCCTTAAGAGGTGAATT  
TTCTTCCGTGGATTCCGATTTGCTCCGTCTGACCAGCCTAGGCAATCCAGCATCGCGTGG  
TACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTT  
ATCGATACCGTCGACCTCGAGGGGG

&gt;SEQUENCE:5488:prostate\_MPM2000-004P1Novel007-2-Table1

AATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTA  
CAAATACAGCTTCAAGGGGCGCACCTGGTGCAGAGCGACGGGACCGTGCCCTTCTGGGC  
CCACGCGGGGAGTAAACATATGGTGAATCCAAGAGAATAAGAGAATTATTTGCTCAAAGT  
CACACAGCTGAACTGAGACTAGGAACAAGTCTCTTGATTCTAGTGATGCTATTCCAAGT  
TCAGATCAAATTCGAGTAGCACCATCTTTAAAAAGCCAAAGAGGCTCAGTGTGGACAAAG  
ACAAAAGCGGTCTTTGAGAACTGGAAAGTTG

&gt;SEQUENCE:5489:prostate\_MPM2000-004P1Novel007-2-Table1

Table 7  
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CGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGGCAG  
T

CACCGTGGGTGGTGTGGCAGCTGGAATTGGGGGCCTCGAGCTGGCTGCCATGATTGTGTC  
CATGTATCTGTACAAACGAGTCCTGGCCTTGTCTGTGGAGACGGATTACACCTTCCCCT  
TGCTGAAAAGGTCAAGGCCTTCTTGGCTGATCCATCTGCCTTTGTGGCTGCTGCCCTGT  
GGCTGCTGCCACCACAGCTGCTCCTGCTGCTGCTGCAGCCCCAGCTAAGGTTGAAGCCAA  
GGAAGAGTCGGAGGAGTCGGACGAGGATATGGGAATTTGGTCTCTTTGACTAATCACCAA  
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>SEQUENCE:5490:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAAAAGTTAAGCT  
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CTTGGCTAAGAGAAACCAGATCAGAATGCAAGCTGTAGGTGGGTGGGTGAGTGTGTCCCC  
TCCCACACTGCTCTCTGGTGGGTTTGGGCAGTCCCTGGCTCTAGTCTCTGCTGCAGATTC  
TCAGGACCAAAATGTGGGTGATTTGTCTGGGTCCAGGCAGGAGACAGAAATCACACAAGC  
TCTTTTATTAGAGATAATATAAAGAATGATTAACCAGGTGACAGTAAAGGGCAGGAAGGG  
AATACAAAGGTATCCATGGAGGTAGCACCCCAGGAAGCAGGCATCACACTTGAGGCTTGG  
GAACAAGGGGAAGATGCTGGAC

>SEQUENCE:5491:prostate\_MPM2000-004P1Novel007-2-Table1

ATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTAC  
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ATGGTTTCCGAAAGCCACCACATGTGGAGCTGAAAGCTCGGCCAAAACCTTGAGAGAGAG  
AAGTGACTTTAGTTCATGTGACAGACTGGATAGAGAAGAACTGGAGCAAGAGTTTCAGC  
TGTTCTTTAATATCTTCCTACAGAAAGTTTTTGTCTATGCCAAA

>SEQUENCE:5492:prostate\_MPM2000-004P1Novel007-2-Table1

TACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCTGGTACGC  
GGGGGGCGCGGAGCAGCGACGGCTGCGATAATAGCGAGGCAGCAGTGCAGCTTTCAGAG  
G

GTCCGGGCTCAGAGGGGCTATGATTGGAGGGTTCTGCCGCACGGCATGGGCGGGGGCC  
T

CTTGACCCGGAAGCCATGCACGCACAGAGGAGGCTTTTTCTCTGGACTGGGATGGAAAGGT  
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>SEQUENCE:5493:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTCTTTTTTTTT  
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GTTTGGGGGCAGATTCTGAATTGGCTAAAAGACATGCATTTTTTAAACTAGCAACTCTTA  
TTTCTTTCCTTTAAAAATACATAGCATTAAATCCCAAATCCTATTTAAAGACCTGACAGC  
TTGAGAAGGTCACTACTGCATTTATAGGACCTTCTGGGGGTTCTGCTGTTACGTTTGAAG  
TCTGACAATCCTTGAGAATCTTTGCATGCAAAGGAGGTAAGAGGTATTGGATTTTCACAG  
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>SEQUENCE:5494:prostate\_MPM2000-004P1Novel007-2-Table1

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTGCACTGGACAC  
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GGCAGGCTTGGCATGGTTGGCCGGGGCGGGACGTACTTCGGAAATTTCAATTCCTGCTGA  
TCTTGATAAAACTATAACAGAACTAGCCGACTGGCTGGTATTAATCGACCAGATGCTGAA  
GTCCAACATTGTCACTGTTGGGGATGTAGAAGAGATCAATAAGACCGTTTCCCGAATGAA  
AATTACAAAGGCTGACTTAGAACAGCGCCATCCTCAGCTGGATTATGTTTTTACATTGGC  
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GGAAAGGGTCAAGAACCAGTGGGATGGCACCCAGCATGGCGTT

>SEQUENCE:5495:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACTCCAGC  
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ATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAAATAA  
CTCACACCTGTAATCCCTTGCAATTTTGAAGGCTGAGGCAGGAGGATCACTTTAGGCCTG  
GTGTGTTCAAGACCAGCCTGGTCAACATAGTGAGACACTGTCTCTACCAAAAAAAGGAAG



Table 7  
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GAAGGGACACATATCAAACCTGAAACAAAATTAGAAATGTAATTATGTTCTAAGTGCCTCC  
AAGTTCAAAACTTATTGGAATGTTGAGAGTGTGGTTACGAAATACGTTAGGAGGACAAAA  
GGAATGGGTAAGTCTTTAATGCCGATATCTTCAGAAAACCTAAGCAAAC

>SEQUENCE:5496:prostate\_MPM2000-004P1Novel007-2-Table1

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACAGTCCC  
ATTGTAAGTGTGTTTCTAATTATAGATGTAAATGAAATTTCAATTTGTAATTGGAAAAA  
ATCCAATAAAAAGGATATTCATTTAGAAAATAGCTAAGATCTTTAATAAAAATTTGATAT  
GAAAAGCACAAATGTGCAGAAGTTATGGAAAACCTATAGAGGATTACAACAGGTAAACGTT  
AAAGAGAATACATTGCTGACTTATAGTGATGTGGCTAAGAAGTACGCCTTGCAAGAGGAG  
TCTGCAGAAGGAGAGCCACCTTTACCTCCAGTTTGCATTCAATCTCCACTGTCCCAAG  
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CAGGGTA

>SEQUENCE:5497:prostate\_MPM2000-004P1Novel007-2-Table1

ACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACTG  
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GCTGGGAAAGGTGCTGAGAGCAGAGTTCGGTCTCTCCGGAACCCCTGACTCCATTCTCGG  
TGATGGGGGTGGGGGAAAGAGGGTGAAAATGTTGGAGACGTCAGGTAGTTTTTAAATAA  
CTCGGAAGTAAAGACGAGGGTACCTCGGCCGTTCTAGAACTAGCGGATCCCCCGGTCTG  
CATGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAG  
CTGTTGTTCCCTTTAGTGAGGGTTAATTGCGCGCTTGGCTGAATCATGGTCATAGCTGCT  
TCCTGTGTAGAAATTG

>SEQUENCE:5498:prostate\_MPM2000-004P1Novel007-2-Table1

TACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACGC  
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ACTTTTCGATGGTAGTCGCCGTGCCTACCATGGTGACCACGGGTGACGGGGAATCAGGGTT  
CGATTCCGGAGAGGGGAGCCTGAAAAACGGTTACCAATTCCAAGGAAGGCAGCAGGCCCC  
CAATTTACCAATTCCCGACCCGGGGAGGTAGTGACGAAAAAAAAAAAAAAAAAAAAA  
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>SEQUENCE:5499:prostate\_MPM2000-004P1Novel007-2-Table1

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>SEQUENCE:5502:prostate\_MPM2000-004P1Novel007-2-Table1

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TGCCTGTAATCCCATCACTTTGGGAGGCCAAGACAGGTTGATTACTTGAATTCAGGAGTT  
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>SEQUENCE:5542:prostate\_MPM2000-004P1Novel007-2-Table1

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CCTTCAGGGTAGGGTCCCCTCCATGCAGACCATAGAGCACAGGTGTGCCCCAAAGAGGAG  
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GCTACATACTCTATAATTCTAGAACCATTTCCTTCAGAAGGCTCCTGGGTGACCTTTTCA  
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AGGAGGCAATCCTGGCGGCGAGCAAGTATGAAAGAAACGAACCGGCGGAAGTCGCTGCAT  
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>SEQUENCE:5568:prostate\_MPM2000-004P1Novel007-2-Table1

CGCGCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCG  
GGCAGGTACGCGGGGGCTGTCTGGGCTCGGGGCGCGGGCGGCAGTCAGCTCTATGTTGCG  
G

GTCTTAACCTCTCCTCTGGCCGAGTCCTTGCAAGAAGTGAATTACCCGACCCTGCAAAAC  
ACTTACTATTTTGGAGTTTAAAGTATGTCATCATGGCAAAGTTTCGGAGAAGGACTTGCA  
TCATTTTGGCACTTTTTATTCTATTTATTTTCTCTCTGATGATGGGTTTAAAAATGCTGA  
GACCAAATACAGCTACTTTTGGAGCTCCTTTTGGACTTGACCTTCTTCCAGAACTTCATC  
AACGAACTATTCATTTGGGGAAAAATTTTGATTTCCAAAAGAGTGACAGAATCAACAGTG  
AAACAAATACCAAGAATTTAAAAAGTGTTGAAATCACTATGAAACCTTCCAAAGCCTCTG  
AACTTAACCTTGGATGAACTACCACCTCTGAACAATTATCTACATGTATTTTATTACAGTT  
GGTATGGAAATCCACAATTTGATGGTAAATATATACATTGGAAT

>SEQUENCE:5569:prostate\_MPM2000-004P1Novel007-2-Table1

ATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACCATGTTGACAAAAATGCCAG  
ATCAAATGGATTTGAGAAATAAGCCCAATTCAAGGCTGGCTCAGCCCTCCACGGGGGCTC  
CCAGGGAAAGGAATTCCTTTATGTTCTTGGAAGCCCTTTTCTAGAAAAGCCATTCCATTC  
ATACCTTTGTAGAGCAGTGGGCTGGGTGTGGAGGGCAGCGCGGAGGGTATCTGCAAGAGC  
CTGTATTTTCCGCCTCCCTTGCCCCCACTCCTTTTATCCTTTTAAAAGTCCTATCAGCCC  
TGCCTTCGTCCCTTCCGCCCTAAGCCCTAAGAGTGGGGGAGGTTTAATACGGCCAATGGA  
TCTTGATAAAGTCTACGTAAGTTTTAATTTACCAGAGCTATAAGATGGTTAAAGTAGAC  
TAATGGGGACTGCTACAGATAAAATGAG

>SEQUENCE:5570:prostate\_MPM2000-004P1Novel007-2-Table1

TCCACCGCGGTGGCGGCCGAGGTACATATTGTATCTGTGTAAACATTTTGTATATTCCAGG  
GGTAGGGCCGCCCTGTATCATACCTAGCAGAGGTTGGAGCTGGCACATGGAGAGGAGG  
TTCTAATAATTATTTGGGGCATGGGAAGACTTATTTAATTGATTGCAT

>SEQUENCE:5571:prostate\_MPM2000-004P1Novel007-2-Table1

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACGCGGGGAT  
T

GTGGCAGCTGGAGGTCTCTGCATCGCTTATCCGTTTATTAGCCGGACCAAGATTGCACAG  
CTAAAGTCTGGCAGAGACTCCACGGTATGACTGTCCTCACTGGGCCTGTCCACAGTGCGA  
GCGACTCCTGAGGGGAACAGCGCGGAGTTCAGGAGTCCAAGCACAAAGCGGTCTTTTACA  
TTCCAACCTGTTGCCTGCCAGCCCTTTCTGGATTACTGATAGAAAATCATGCAAAACCTC  
CCAACCTTTCTAAGGACAAGACTACTGTGGATTCAAGTGCTTTAATGACTATTTATGCGT  
TGACTGTGAGAATAGGGAGCAGTGCCATGGGACATTTCTAGGTGTAGAGAAAGAAGAAAC  
TGCAATGGAAAAATTTGTATGATTTCCATTTATTTTCAGAAAGTTTGTATGTAACAATTAC  
CCGAGAGTCATTTCTACTTGCAAAAGGATTCGTAACAAAGCGAGTATAATTTTCTTGTC  
TTGTATCATGCTTGTTAAATTTAATGCAGCATCTTCAAACTTGTCTGATGGTGTCTT  
ATTGTGTCAGCACCAATATTTGTGCATTATNTGGGGACGTTCTTGTACAGGAAGAAT  
CTTCTTCCGTTGCCTTATTGTTTTTTTTTTTTT

>SEQUENCE:5572:prostate\_MPM2000-004P1Novel007-2-Table1

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGACTGTGAGGAAGGAA  
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GACCACTCCACAAGATCTGTATTTTGAACAATGATGCCTGTTAGGGAATGTGCAGTAGCA  
AAAATCAAAATTTGGAGTGGGGCCAAGTGATCTATTCTATTACTTGTGCTGACCGAATT  
TTTTCTTCAATTAATTTAATTTCTTTAGTTGCCTCTGGAGTTAACGTTCTTCACTATTT  
AATTCCGAGTCCCCTCTTAAGAAAGAGAACAAATTTGACATGGCATAAGTAGGAATGCCT  
AGAGTTGGCCAAATCCAATTAATATCTCCAAATCCAATTAGTATCTCCTAGCAACTTTTG  
AAACTCATTTAATGCTTTTAATGTGTCTTTTCTCATTTCTATTTTTTGTGGTTTAATTT  
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>SEQUENCE:1:prostate\_MPM2000-004P1Novel007-2-Table2

ATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCT  
GCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACTTAATTAAGTGAAGGTAACCT  
CCCAGAGTTAGCCAGCCTTTCAGAGTTGAAGTCACAGCTTAGGGATTCAAAATGAGCTTC



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TAAAAACACTAATTTAGTTATTAGAGAACTCCGGGTTCCACTTTTCAGGATCCACCTTGGT  
TGGCCAGTGGAACACACAAGTATTCTTCATTCAACAAGTACCTTGGCCGCGACACGCT  
AAGGGCGAATTCCAGCACACTGGCGGCCGTTACTAAGTGGATCCGAGCTCGGTACCAAGC  
TTGGCCGTAATCATGGTCATTAGCTGTTTCCTGTGGTGAA

>SEQUENCE:2:prostate\_MPM2000-004P1Novel007-2-Table2

CTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATAT  
CTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACCCAGTTAAGTTTTGATGGTTT  
AAATTCCACTAAAGAACATATTCTTCTAATACTAGCATTATTACATGAAATTTAAGAG  
TTTAAGTTCCATCAAACCTAGCCCTTGTTGTAAGATTATTATTTCTTCTCTATAACTTCAA  
ATAGATATTTTCAATCAAACCTGTTGAGGTGAGAAAACATAATGGATTTTTTTTTTTTCT  
CTGGAGCTGCCTGTTGAGTGGAGGAGGTGGGCACATTTAAGGTCAGTTCACTAAC  
CTATGGTTCAGAGTTCTGATCATATGGAAGTTTGAAAAGAGAGCTTATAACAGGTTTGT  
ATGCTG

>SEQUENCE:3:prostate\_MPM2000-004P1Novel007-2-Table2

ATACGACTCCTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT  
GATGGATATCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACCATTCTTATC  
TCAGAATGCTGTAAACCATCAGTAGAAGCAGTTTAGATTTGGAATGCTGTAATGAA  
AAGTAATAACCCTCCAACCACAACCTAGTCAGGGTATTAATAATTATATGTAGCAAGAAA  
ACAAAGAAGAAAATAATATTGAAAAAATGGAGATTCCCCAACCAAGTTTCATATTTGAAGG  
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>SEQUENCE:4:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT  
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ATAATTATTTGAGTCTCTGCTGCAATTAGTGCTAATTACAATACCTGAGCTATGAAAATA  
AAAGATTTTCAATATAGCAAAGTTCACAAATATCGTTTTAGTTTCAAGTTATCCACATTGTT  
GTCTAAAATAATACATTTTCTTTACATATAACTGTCTTAGACTTGTAATTGAGGATATTT  
GATGAAACAGATCTGTATCTGAAACAGCACTATGATGCTAAACATTTGCATAAGGAATGA  
AAAAAGTTAGCAACCTAGTTTTTTCAATATTCAGATATTTGAGATTACACAGAAAACCTAC  
ATCCAGATGAATGACTGA

>SEQUENCE:5:prostate\_MPM2000-004P1Novel007-2-Table2

GACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATG  
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GCTCAGTTTGGTATTTTATAGAGGTATATTTGGTATTAGAGTTTAAATTGTCTCAAGGAG  
CTTTTAGACCTTGATTTTTTTTTCATGTCATAAAATGAGCTACGAGACCCTTTAACTGAGTA  
GTAATGAAGGTAGCCAGTTTTATATAAATAGCATTTATTATTTTATGATCATTTTATTTA  
GTTTGTATGTGCAGATGTTTTCCCACTAGAATTTAAGTGGTATGAATGGAGGGATCTT  
GTTTGTCTTGACAGCATTGAATTCCCACTAACTCTTAATTAATACTTACTGGTTCAATG  
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>SEQUENCE:6:prostate\_MPM2000-004P1Novel007-2-Table2

TAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTG  
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AACAGATGGGAGGCAGCTGCATGGAACCTGTCCCACTGAGGAAGTAAACAGGAATCCA  
AAATAATACGTTTGCTGGGAATTATAAAGAATTTTCAATGAGAAAGTAAAAAGAAAAATC  
TATGCAAAGGAAGTATTCTGTTGTTTAAATGCCATTACCTGTCATTCTGTCTCTTACCAT  
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>SEQUENCE:7:prostate\_MPM2000-004P1Novel007-2-Table2

CCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTT  
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AAAAATGCAGATATGATTAGGATTGTATTTAACACAAAAGCTTTGTAATTCCTGCTTTAA  
ATCTACTTGGCTATAAAAATTTTAAAGGGAATTTTATCGTGAAAGCAGCCCAAATCTATTC  
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GTGCAAATCACCCATCTGTTACAAACAGGAACCTGAAAAAGCAACAACATCCTGGCAGTG  
ACTAGCCTTAAAAACCATTTCCCACTCTACCTCCAGACCTGACACTGTATTCAAGTGAAT  
GTGCCTGAGGTGTGATCACCACAAGGAAACAGAACTGTGTCCTGTCTATGCCTATACTTG  
GCCATGCTTGTTAGAGCAAACATCCTGAAGTGACCACTGTGC

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>SEQUENCE:8:prostate\_MPM2000-004P1Novel007-2-Table2  
TATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATC  
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CCCTTCACCCACAACCTAGTCAGGGTATTAATAATTATATGTAGCAAGAAAACAAAGAAG  
AAAATAATATTGAAAAAATGGAGATTCCCCCAACCAGTTTCAATATTTAAAGGATCTGAG  
TTGGATTTTTATTAAGGAAATTTTTTTCTGAATACTGTCTTCCAAAATGTTAACATTAA  
AACCTGAATCAGAGGACTCTGAATGGAAAAGAAGTTTGATCACTGACACCTAGGGCTCTG  
AAGCGTGTGTGGCCAC

>SEQUENCE:9:prostate\_MPM2000-004P1Novel007-2-Table2  
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GCTATGCAGTTATACTGAAGAGCAATGCTGATCATCACTTCTCCACTTTACAGGATATTC  
TCTTGACCCCAAAGTGAATCTGCTTAACCTTGGCACAAGGGAGCGGACATGGTCATTGTGG  
GCTGCCCCAGGAGAGACATATTAGTGGCCACAAGATTCAATGCCTCTATGAAATGGAAGG  
CTAATACAAAAAAGGTGGGATCCTTGGGAGCAAAGACACTGGCCAAGAAATA

>SEQUENCE:10:prostate\_MPM2000-004P1Novel007-2-Table2  
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TGGATATCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACTCTTAAAAATCT  
GTTAAGAGAGTGGATCTCATTTTAAGGGTTCTTACCACAATAAAATTAAATTTTTGAAAT  
AAATCAGTCATATTTGAGTGAAATGAAACCTTCCGAGTAGTTTCAGACAATTGATAATA  
CCTAGTTTACAGTTCCTGTAGTCATTTTGGAGGGTGAGGACTTGATGTGTTTAGTAAAGT  
TGAGAAATAAATACATGAAAGAATGTGTGGGGAAGAGAAAGTGTGGGGAAGAGAAATTGT  
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GCTCACTGCAAAAATTCAATGG

>SEQUENCE:11:prostate\_MPM2000-004P1Novel007-2-Table2  
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CAGTAGAAGCAGTTTAGATTGGACTGCATGGTAAAATGAAAAGTAATAACCTCCAGCC  
ACAACCTAGTCAGGGTATTAATAATTATATGTAGCAAGAAAACAAAGAAGAAAATAATAT  
CGAAAAAATGGAGATTCCCCAACCAGTTTCATATTTGAAGGATCTGAGTTGTATTTTTAT  
TAAGGAAATTTTTTTCTGAATACTGTCTTCCAAAATGTTAACATTAAATCTGAATCAG  
AGGACTCTGAATGGAAAAGAAGTTTGATCACTGACACCTAGGGCTCTGAAGCGTGTGTGG  
CCACATGGAAAAGTCGAAGGATGCGCTGTGCAATCTCCTTTGTCTTCACTCCATAGACAA  
TTGGGTTGAGACA

>SEQUENCE:12:prostate\_MPM2000-004P1Novel007-2-Table2  
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TATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACGATCTTGGCTCACTGCAA  
CCTCTCCCTCCCGGGTTCAAGTGATTCTCGTGCCTCAGCCTCTTGAGTAGCTGGGATTAC  
AGGCGCGTGCCACTGCGTCCGGCTAATTTTTGTATTTTAGTAGAGATGGGGTTTCACCA  
TGTTGGCCAGGCTGATCTCAAACCTCCTGACCTCATGTGGTNNAACCCACCTTGGCCTCCCA  
AAGTGCTGGGATTACAGGCGTGAGCCACCACGCTCAGCCTACAAGCAATTTTTTAAAAAC  
TGACACCTATTACTGATAAAATTCTCTGTTTAAATCCTATTTACTATTTTAAAGATAAA  
GTATTAGTTTT

>SEQUENCE:13:prostate\_MPM2000-004P1Novel007-2-Table2  
ATACGACTCACTATAGGGCGAATTGGGCCCTCTAGAGCATGCTCGAGCCGGCGGCCAGGG  
GAAGGGTATTTGGAGAAATTCGCCCTTACCGTGGTCGCGGCCGAGGTACCCAGGTCAAGT  
GATTTTGAAGACTCAGCACATCTCATGCAACCAGTCCACAATAAGCCTGTAAACAAGGA  
CCTAGGTATAAACTACATCAGATCCAGGGT

>SEQUENCE:14:prostate\_MPM2000-004P1Novel007-2-Table2  
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CTCCTTGTCTTCAGCCCAGGCATACCCTTCTCTTAAGGACCAGTCCACCCCATCTTCAA  
GGCCTTCTCCAAGTATTTGGCATTCAATTGGGATGACACCTTTTGACCCACCCCAACAGG  
AATGTGGTCAAACATAGCTTGGGCAAGTTGCTCCTTCACAGGCTGGACATCACTTTCATC  
TAAATTGGTTCTTAGCAAGCGGACACCACAGTTGATGTCAAACCCGACACCACCTGGGGA

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TACTACTGCTTTAGGGGCATTCATATCAAAGGCTGCCATGTTCCCAATAGCAAACCCATA  
TCCTGAA

>SEQUENCE:15:prostate\_MPM2000-004P1Novel007-2-Table2

TACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGAT  
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TGTTGACTCTGAGATGCTGACCCCAAGCTGGCTGCCATAGGAGTTGATTCCCATCATGCC  
ACTGTGCGCTGGGGAGCTAGAGAGGGCTGGAAGCTGGCTGGGATTCTGGGGACGCTGTA  
GAGAGCTTCAGCAATGTCTGCGGCTCGCTTCAAATGATGTCCTGGTTATTGTGTGGTGT  
GCCATAAAGAGCTTCCACTAGATCTGCAGCTCTTTTCAACAGCATCTCCTTAGCTAGTCT  
CTCAGGATCTCCAGGATGCCTAGGGATGACCTTCTGCAGTCTCTGGAAGCCATAGTCTAT  
G

>SEQUENCE:16:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT  
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AGAATGCTGTAAACCATCAGTAGAAGCAGTTTAGATTTGGACTGCATGGTAAAATGAAAA  
GTAATAACCCTCCAACCACAACCTAGTCAGGGTATTAATAATTATATGTAGCAAGAAAAC  
AAAGAAGAAAATAATATTGAAAAAATGGAGATTCCCCAACCAGTTTCATATTTGAAGGAT  
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ATTAATCTGAATCAGAGGACTC

>SEQUENCE:17:prostate\_MPM2000-004P1Novel007-2-Table2

CGACTCATATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGAT  
GGATATCTGCAGAATTCGCCCTTTGGCCGCCCGGGCAGGTACGATCTTGGCTCACTGCAA  
CCTCTCCCTCCCGGGTTCAAGTGATTCTCGTGCTCAGCCACTTGAGTAGCTGGGATTAC  
AGGCGCGTGCCACTGCGTCCGGCTAATTTTTGTATTTTAGTAAGAGATGGGGTTTTTCAC  
CATGATTGGCCAGGCCTGAATCTCAAAC

>SEQUENCE:18:prostate\_MPM2000-004P1Novel007-2-Table2

CCTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATA  
TCTGCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACCTCTTATTCCAGAGAAGT  
GGGGAGCAGAGAGGAAGATGGAGTGGAAGGGGCGAGGCAAGGCCCTCCTGAAATACCT  
C

AACCCAAATCTTCAAGAAATCCCCAAGTCCTCACAGTGCTTTTTGTGGATTTTTGTGGAA  
ACCGGTAAAAGGGGCTGATTTGCTGACCCCAAGTGGGTAGAAAACAGAGACTGTCAAGAGA  
ACAGAATAGAAGGCAGAAAGGGGATGGGGAAGT

>SEQUENCE:19:prostate\_MPM2000-004P1Novel007-2-Table2

CTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATAT  
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GGAGACTTAGGCAGGAGGATTGCTTGATCCTAGGAATTCGAGGCTGCAGTGAGCTATGAT  
TGCACCTCTGCACCCAAGCCTGGGCGACACAGCGAGACCCCTCTCTTAAAAAAAAT  
AGCAGAGCTCACCAAAGTGATGTTACCTTTTTATGACATTCCTTTTTCTTAGCTTAAGA  
AAAGAAAGCTGCTAGATGAGAGTCTTAGTTTTCTGCATAAGACCTCCTTTATGAATAGA  
ATAAAAGACTGTCAAAGTAGGCTGGGCTTGGGCCCA

>SEQUENCE:20:prostate\_MPM2000-004P1Novel007-2-Table2

TCTATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTTAGCGT  
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CTGAACTCAGACGGAAGAAAAAGGATTCCTTGGAGAATCCCAGCAGGTTTCTGATTGGAC  
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TTTGACCACCAGCATGCTGCAGACGTGATGCCGTGTGACTTCTGAGCGGGTCATAAGAAG  
CCTTGCAGTGTGGCCTGTGTCTTACGAATGCTTGCATGAGGAAAACCACTGTCATGTAA  
GAAGTATGGCTACCCTGAGACTGTCATGGTGTGAGGACTCCTAAATGAGTCACATGTGGA  
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GGAAGAGGCCATTCTTACGCC

>SEQUENCE:21:prostate\_MPM2000-004P1Novel007-2-Table2

AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGC  
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G



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AGAGAGGCAACCCCTCAAATATTA AAAAGGAAGAAATGGCGTGATAGGCTAGCACATTTT  
ATGGAAAGCCATGTTTTAATTAAATGTTTTCCCTACAAATGTTCTCTGTATCAAGGAACC  
TGGCACATAGGGAATGCATGAAACCTGATTATAATCAGATTCTACTTAAGTAATA  
ACCTATATCTAGATGATAGATTGTCAACTGTGCTACTTTAGCCATCATCACATACCCAGC  
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>SEQUENCE:23:prostate\_MPM2000-004P1Novel007-2-Table2

CCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTT  
GCGGCCGCCCGGGCAGCTACAGAATTTCTTTTATATTATTCCTCTACCCTCCACCTGTA  
AATGAATGTTAGTGCAGTAATTGTTTGAAATAATGCCTCATCCAGTGTTAGGTCAGTAGC  
TCCACAGTCTACACAGTCCAGAATTCTTTCTCTAATTGTCCCAAAGGGGGACATTGTGGA  
GGCAGGGTTAGGGGGGAACCACTTCAAGTGGTTAGGGACAGATAAATAATAGGCAGTATAG  
CACATGAAAGAAAACACACACTTGAAGCCAGGAGACTTGTGTCCTAGTCAAACTCTGG  
CATTATGTGACCTTGGACAGGTCATCTAACTACTCTGAAATTTATCATCAGTCAAATAAG  
ATTTTATTCTGTTTTGTTTTGTTTGAGATGGGGATTTGCTCTTGTTGTCCAGGCCGAAC  
GCAATGTTGTGGTCTCGGCTGACTGCAACCTCCACCTCCAGATTCAAGCGATTCTCCTG  
TC

>SEQUENCE:24:prostate\_MPM2000-004P1Novel007-2-Table2

TACACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA  
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TTCTTGAACCCAGCATGTTTTTTCTCTCTTCTTATCAGCAGAACACACGTTGCTCTCTT  
TACTTGGAACGCCGCTCTGACAGATGGTCACCTCACCATCACTCATTATCCTTCAAGT  
CTTCGATACAATTGCTTCCAAGAAAACCTTACCTGATTATTTGAGCTTGAGATAGCACTCT  
CTGGAAAGCCCTAGAATTTTTATAGCTTGCGGTAATTGCTTACTGAAATCTCCAGTGGGC  
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AG

>SEQUENCE:25:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT  
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GGGAAGTGAGACATAAGCTTGTAGGAATAATAAACGTTCTACAATAAACGTTTTGGCTAT  
CTTAAGCCATTGTATGGGGGGGATTAGGAAGTAGGAGGGATTGTCCTACAACAGGCCCTT  
ATACTTCAACAGCCCAAATATTTTGGTTTATTCCTTTTTATCCATAAAGTCTTTATTCTT  
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>SEQUENCE:26:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
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>SEQUENCE:27:prostate\_MPM2000-004P1Novel007-2-Table2

TATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATC  
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TACCTTAAGTAGGTATAACTCTTATGGGATATACAGTATAGTTTTTGTGAATCTTTACAT  
GATAGCATTATCTTTTTATAATTTTTTTTCCCTAAGATAAACAAATGCATAGTTTTCTTCT  
ATGGGTGATAGAAACAGCTTTTTGAAGTAATGAAAACCTCAAAAGATCATGTTGATTCTT  
AATTTTTGCCTTTTGCATAAGCCTCTTTATAACATGTATCTTTAAAACAATTAAGTCCTT  
AGGAATGTGTAACCAGAACTATGTTAGTATTGCTTATAAACTTTAGTTAGGTTCAATAT  
ATACATATATA

>SEQUENCE:28:prostate\_MPM2000-004P1Novel007-2-Table2

GTATACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAG  
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GCCCTGGCAACTTCACACGACCTAACTGAACTCTCTCAAGCCATCCTTTCAAAGGAAT  
GAAAATTGAGGTCTCTTGTTTTATGCTGAAGACTCTACGATGCCTGCAGAGTCAGGAAC  
CTGGAATCTTAGGTGTCCTCCTTACATATCCATCTCCATCACCTTGGCTGAACATGCTG  
AGAAAGAATGACCCGGCATGCATGCAGAGAAGAGTCACTACTTTCTGTGTTCAAACATGT  
TCGGGCCCTGTGTACCTGCC

>SEQUENCE:29:prostate\_MPM2000-004P1Novel007-2-Table2

GACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATG  
GATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACTTTTTTTTTTTTTTTT

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TTTTTTTTTTTTTAATAATCACAGTAAGTTCATTTCGTATTTGTCAAAACTAGGAACGCT  
CAAGAAGTTCTGTAGGTGAGTAGATTAAACAGCCGGCAGTAAATTCATAGAATAATATTC  
AGTAATTATAAACAAGAGCTATCAAACCATAAAAATACATAAATGAATTTTAAATGCATA  
TTGTTAAGTGAAAGAAACAAGTCTGAAAAAGCTACATAATATGTTATTTATTTGATATTC  
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AAATGGGTAAAAAATAGAT

>SEQUENCE:30:prostate\_MPM2000-004P1Novel007-2-Table2

AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGGCGGCCGCCAGTGTGATGGATATCTG  
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GTCTCTGCTGCAATTAGTGCTAATTACAATACCTGAGCTATAAAAATAAAAGATTTTCATT  
ATAGCAAAGTCACAATATCGTTTTAGTTCAGTTATCCACATTGTTTCATCTAAAATAATAC  
ATTTTCTTTACATATAACTGTCTTAGACTTGTAATTGAGGATATTTGATGAAACAGATCT  
GTATCTGAAACAGCACTATGATGCTAAACGTTTGCATAAGGAATGAAAAAAGTTAGCAAC  
CTAGTTTTTTCAATATTCAGATATTTGAGATTACACAGAAAACCTACATCC

>SEQUENCE:31:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTCACTTAGGTGCGATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
ATGGATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACCATTCTTATCTCA  
GAATGCTGTAAACCATCAGTAGAAGCAGTTTAGATTTGGACTGCATGGTAAAATGAAAAG  
TAATAACCCTCCAACCACAACCTAGTCAGGGTATTAATAATTATATAGCAAGAAAACA  
AAGAAGAAAATAATATTGAAAAAATGGAGATTCCCCAACCAGTTTCATATTTGAAGGATC  
TGAGTTGTATTTTTATTAAGGAAATTTTTTTCTGAATACTGTCTTCCAAAATGTTAACA  
TTAAAATCTGAATCAGAGGACTCTGAATGGAAAA

>SEQUENCE:32:prostate\_MPM2000-004P1Novel007-2-Table2

TATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATC  
TGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACAGAAGACGCTGCATCCCTCGGA  
GGAGGAGGTGAACCAGCTGCACCAGCGTTATATCAAAGAGCTGTGCAACCTCTTCGAGGC  
CCACAACTTAAGTTCAACATCCCTGCTGACCAGCACTTGGAGTTCTGCTGAGTCCAAAG  
GGCAGGGCCAACATTAGGGAGCCCAGCAGGAGGTGCTGTGCTGAGAAGACTTCCTGGAGG  
TGTTTGTGAACATATCTGCAGAGCCTTCCCAGACTCCTGCAAATCCAACCCATATCAGG  
CTGTAAGTCAGAGCAGGCAATGCAGAAGAGGAGACCAGACCAAGGGGTCAGCTGGGGCTA  
GGA

>SEQUENCE:33:prostate\_MPM2000-004P1Novel007-2-Table2

GTATACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAG  
TGTGATGGATATCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACGGGGGGA  
GAGTGTTTTGAGAAAGAAGTGGTGGGACGTCACTGTCTGTGGAAAATTTCAAGGAAAAC  
GAAGGATCATTGAGATGAACAGTGTGGCAGAATTGAGAACTCTTGATGTTTCAGTGAGCT  
TTAATGGAGGAAAATCTGTCATTTTCAGGATCATTAAATTGTCACAGCCACAGAATGTTCTA  
ACGGGATCGCAGCCATCATTGTTATTTTGGTGTACTGCTACTCCTGAGGATCGGTTTGA  
TGTGGCGGTTTTGGCCCCCTTTGCTG

>SEQUENCE:34:prostate\_MPM2000-004P1Novel007-2-Table2

GACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATG  
GATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACTCCAGCCTGGGCGACA  
GACCTTGCCTTTTCAAAAAAAGAAAGAAAGAAAGAAAGAAAGTATTTGGACACAT  
TTCTCCCAATATGTCCAAATTTTCCAAAGCAATTATATCAAGGGTATTGGCTCCTTGGTT  
AAGAACTGGGCTTTATTTTACACACTCCCTGAAATGACACAGCCAGAGATCAGGTAGGA  
CCCAGAGAGAACAAAGTTACAAACCCTGTGTCCAAACAGCATCCTAAAATGAAATACTCC  
TGGATGGAACCCTTGGAAGAACTCAGTGTTGACCATATTCCCAGTTACCCATAAAAACCTA  
TCAAGTTGTGGTTTA

>SEQUENCE:35:prostate\_MPM2000-004P1Novel007-2-Table2

ATACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTG  
TGATGGATATCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACAACCAGAAC  
CAACAATTGTATTTCTCTATAGTTATTTTAAAATAGTAATCAATGCTATGTATTTGATGT  
ATATGTTTCTAAATTAGAAATTTCTTTTGGCTTTGTGTTTTTTAATGTGCGTTAAATAT  
GTAAACTGAACCTGTTCCCTAAAATGCATTAACTTGAATGCTGCGTCTATCCAATGCCAA  
AATGCTCAGAAGAAAAGTGAATAATTCAGTCATTCTGGATGTAGTTTTCTGTGTAAT  
CTCAAATATCTGAA

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&gt;SEQUENCE:36:prostate\_MPM2000-004P1Novel007-2-Table2

CGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAA  
TTCGCCCTTAGCGTGGTCGCGGCCGAGGTACTTTCTATTTTTTTTTTTTTTTTTTTGAGAT  
GGAGTCTTGCTCAGTCGCCCAGGCTGGAGTGCTAACCTCTCCTTTTCATGTGGAGATGGAC  
AGGGATGGCAGGAGCACTGAGTGCTCTTGACAACACCATTGAAGATGATGCTGACGATCA  
GCTACCCTGTGGAGAAGGCAGGCCAGGCTGGGTGAGAGGGGAGCTCCTTGGAAGTCAGG  
GGGTCTGTAAGGACAGCAAGGATCTCTTTGTCCCAACCTCCAGCAGCCTTTATGGGTGCTT  
CTGTGTTGGCCTTGTTTCTGGGATGGCCAT

&gt;SEQUENCE:37:prostate\_MPM2000-004P1Novel007-2-Table2

ACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGG  
ATATCTGCAGAATTCGCCCTTTGAGCGGCCGCCCGGGCAGGTACTCTTAAAAATCTGTTA  
AGAGAGTGGATCTCATTTTAAGGGTTCTTACCACAATAAAATTAAATTTTTGAAATAAAT  
CAGTCATATTTGAGTGAAATGAAACCTTTCCGAGTAGTTTCAGACAATTGATAATACCTA  
GTTTACAGTTCCTGTAGTCATTTTGGAGGGTGAGGACTTGATGTGTTTAGTAAAGTTGAG  
AAATAAATACATGAAAGAATGTGTGGGGAAGAGAAAGTGTGGGGGAAGAGAAATTGTCTC  
AGAGGACCATTCTTAGTGGCACTGGGNNGAAATCTTGGCACCCAGAAGAATTCAACTGCG  
CTC

&gt;SEQUENCE:38:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTTG  
TNGNATTGGGATATCTGCAGAATTCGCCCTTAGCGTGGGTGCGGCCGCCAGGTACAAAGTC  
CAGGCCCCGGCACGGTGGCTCACACCTATAAA

&gt;SEQUENCE:39:prostate\_MPM2000-004P1Novel007-2-Table2

GACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATG  
GATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGCCAGGTACACCTTTCAAAGGACTT  
TGTGCCCGTGGTATATCATGATCTTACCTGTTGTTTGACTATGAAAAAGAAATTTGATGC  
TGATCCAGTTGAATTATTTGAAATTCCAGTAAAAGAATTAACATTTGACCAACTCCAGTT  
GTTAAAGCTCACTCATGTGACTGCACTGAAATCTAAGGATCGGAAAGAATCTGTGGTTCA  
GGAGGAAAATTCCTTTTTCAGAAAATCAGCCATTTCTTCTCTTAAGATGGTTTTAGAGTC  
TTTGCCAGAAGATGTAGGGTTTAACATTGAAATAAAATGGATCTGCCAGCAAAGGGATGG  
AATGT

&gt;SEQUENCE:40:prostate\_MPM2000-004P1Novel007-2-Table2

ATACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTG  
TGATGGATATCTGCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACCCCTAAAA  
TTTACAAAAATTTAAAAAATTTCAATTTGTGCTTACTGTCTTTACTGAAATGTTAAATATT  
TACTCATGAGTTGATTACTCTGTGCACGTGAGATTGTCTTTTGTAGTTATAAAGAAGGGA  
TGCTTAGAAGTAGTATCAGTGTTCTTTCTTATTCTATCCCTCCCAAATCTCACACCAGA  
AAATGCTGGAATTTTTTGAAGGAAATAGAGAAGAGTGGAATTAGGTTTAGGGATGGTAG  
TCCTAGGAGGAGGGGAGTAATGGAAGTTATA

&gt;SEQUENCE:41:prostate\_MPM2000-004P1Novel007-2-Table2

GCGATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAA  
TTCGCCCTTTTCGAGCGGC

&gt;SEQUENCE:42:prostate\_MPM2000-004P1Novel007-2-Table2

CTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATAT  
CTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGCCAGGTACCCGAAAAGAAAGGAAGCTTTA  
GTAATGAAAGGATTGCTGCCAAAATCCTGTTTCCCCCTTGCAATCTTACAGAAAACAGC  
CACAGAATCCCAAGGCATCAGCACCAAGAGAGCCTGTAGAACTATCTGGTCTAAGCTCC  
TGAAGCCCAGAGATAAGAATGACTTAACCCAAGCTGCACAGCCTCTTAACAGTCCACTGT  
TAACCCCAGAAACAGATGCATTTGAATCTGAAAGGAGACAGGAATCCTAATCCTACTGCT  
CAGGGACTTGCTGATTTACTTTGCTGTCCATTAGCCTTTCTGTGACATGATTTTCTAC

&gt;SEQUENCE:43:prostate\_MPM2000-004P1Novel007-2-Table2

TACACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA  
TGGATATCTGCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACTAAGTTAAATA  
AGGTCTTGGGCAAATTAACCTCTGGGTTTTAGTTTCTTATCAGGTAAAATGATGCTAGT  
AGGAGCTAAAGATTACTTTGAAGGTTCTGTGGGAATTAAGGTAACATGCTTAATATAATA  
AGGGTTCAGTAAATGTTACCTATTGTTTGCTGTTAATCAGATAAGCAGAATACATTCTAT



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GTGACCTACCTTTCTTTATAGGTGAAATGTGGGAACGTTAGGAATTTCTTTACCACAAAG  
TCCCTCTTCATATGCCAGTCACTAAGTTGTAGGAATTTAAAGGTGTTTTTGGGATAATTG  
TCTATACTGAGAAGGTTTCANGATTCTAAAAAGT

>SEQUENCE:44:prostate\_MPM2000-004P1Novel007-2-Table2

ACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
ATGGATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACTTTTCATCAGACCC  
CTGTTTTGTGATATATATTACCTGCTTTTCATATTTGTATTTTAGAACTCACTCTTCATTC  
CCTATTCCACTACCCAACTTCATACCAAAAATCCTGCCAAGTATTTTCAGAAAATTTGGTT  
ATTAAGTTGGATTAATTACAGTAGACATACATAGGAGATGTGTCTATAGAATGCCAAAAT  
ATTTAATTGTGTGAGAAATTTAGTCATTCATCCAAATATTTTGTCCATATGATGCCAAAC  
ATACTTAATGAATTATGTTAGCTGACAAAATTCTT

>SEQUENCE:45:prostate\_MPM2000-004P1Novel007-2-Table2

CCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTT  
AGCGTGGTCGCGGCCGAGGTACCCGAAAAGAAAGGAAGTCTTTAGTAATGAAAGGATTGC  
TGCCAAAATCCTGTTTCCCCCTTGAGATCTTACAGAAAACAGCCACAGAATCCCAAGGC  
ATCAGCACCAAGAGAGCCTGTAGAACTATCTGGTCTAAGCTCCTGAAGCCCAGAGATAA  
GAATGACTTAACCCAAAGCTGCACAGCCTCTTAACAGTCCACTGTTAACCCCAAGAACAGA  
TGCATTTGAATCTGAAAGGAGACAGGAATCCTAATCCTACTGCTCAGGGACTTGCTGATT  
TACTTTGCTGTCTATTAGCCTTTCTGTGACATGATTTTCTACCAAGCAAAGTCTTTTATT  
CAAGTCTCCAGAGATTTCTATTTAAGCGTTTGCTATTTGGCCACTTAAAAAAGACAGA  
AGAGAAGTAAACAGAAGCATATACCACACAACCTCAGTCCAGTCAGTAGTTGACTCTCAAG  
ATGGCGGATGTCACTGGGATGGCTG

>SEQUENCE:46:prostate\_MPM2000-004P1Novel007-2-Table2

ACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGG  
ATATCTGCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACTTACATGATTGAGGT  
TGACTATATGAGGTATTGTTAGTCTGTTAGTCTTTCAAATTGACTTTTAAAAATACATAT  
CTTTATGATTTTTCATCATAAAGACTGGCAATATTATAACTAAAAATCTTACTATAATGAA  
AGAAATCATACATAAAAAATGTAGCCTGCCTTACATATAAGCTAATGTAGAAAAGTTTAGA  
CTTATAAAAAGGCAGATAGTATATATATATTTATATACATGTATGTATATGGTATATTAT  
ACATTTGGTGGCAGAAAAAGAAGATACTGCATTTTTCACATTGAAAAGAATACTTTGATT  
TTGC

>SEQUENCE:47:prostate\_MPM2000-004P1Novel007-2-Table2

GTAATACGACTCATATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAG  
TGTGATGGATATCTGCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACAAAGAAA  
AATTTGAACGTTGCGGCTTAAAATTCAGTTAAGAGAATTTAAAAAGCAAGTCATAAATGCC  
ACATTTTCTCAATAAAAAAGTTTTGACTACTGTGTTTATCTGTTGTCTTGAGTAACTTA  
TTCATGAAGCTCTCCTATTCTTCCCCAAGACCATTTTGAAGAAAGAAAATACAGGTTGGT  
CTTGCTTTGTAAGCAAGAAAAAATATTGTATATTTT

>SEQUENCE:48:prostate\_MPM2000-004P1Novel007-2-Table2

CGACTCCTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGAT  
GGATATCTTCAGAATTCGCCTCTTCGAGCGGCCGCCCGGGCAGGTACTAGGAGGGTATTG  
ATGTTTGAGGTCCAAACTGAAAACCCATCACCTCCTTCCCACTGCTATAGCAGCGTTAGC  
CCTGGGGTTTCAATTATCTAGCCAGTTTACACCTTCTAAAGTGGGGCTCTGAAAATGTCTTA  
CTTCCCTCACAGACAAAGCAATTCTCAAGCCTCCTGAGATCACCCACCAACCAGAGCAAC  
TGCTGTCACTTGGAGGTGCAGCTGAATTTCTAATTGTGACACAACTCTTGAACTGT  
AAATGCTGAAAGATTAAATGAGGTTATAACACTCAGAAGGTTTTATAAGTAAAAGTAGGT  
CAAAT

>SEQUENCE:49:prostate\_MPM2000-004P1Novel007-2-Table2

CTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA  
TATCTGCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACAAATATGCTTCATAAC  
AAATTACAAACACTTGAAATATACTGGGATTGTGTTTATTCTCTGTTTAGTTAGATAGCT  
GTATTGAAGTCTCTGTAAATGAAAAATTTACCCCTATCCCTCAACATGTAGGTTGAGAAC  
AGAAATATTAATGGGTGTGATTTATTAATTCCTGAGGGCTATTAGCCCATCAATAGACTA  
CTTCAAATAACCATTAGTCTCAATAGTATTGATTAATTTCCCAAATACATTTAAAGCAAT  
AGTATATGAAGTGCCCTTAAGTGAGCCTCACGTTTACTCATTCTACAGATAAGAAACCAA  
GGT

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>SEQUENCE:50:prostate\_MPM2000-004P1Novel007-2-Table2  
ACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
ATGGATATCTGCAGAATTCGCCCTTTGAGCGGCCGCCCGGGCAGGTACAACAAACCAATA  
ATGATAAAAAATACTTCTCTTTTTCTCCCTGTTTCCCTTTTTCCCTTGGCCACAGCCAAA  
TGCTAATTGCTGCTTTAATTACAGAGATGTGTAAATGTATTACAGATTACAAACTCTACAG  
GAATACATCAACATTTTAACTCTTTTGCCTTTTTACTGTTTAACTGTTTTAAATGCAAGT  
TATTTTAGGGTGACACTCCTTCCAGTTCTGGCCAGATCATGAGTTTCAAGATCAAGAGTA  
AAAAGTTATTAG

>SEQUENCE:51:prostate\_MPM2000-004P1Novel007-2-Table2  
TGTATACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCA  
GTGTGATGGATATCTGCAGAATTCGCCCTTTGAGCGGCCGCCCGGGCAGGTACAGTATA  
CAAGTTTTTCCAAGAAATCCTAACCCCTGGGGGCTCAGGCGAATGAGGAGGGTCAAATGCT  
GAGGGTGGGAGAAAGCAGATCTAGACAGCATTCTGGAATTGTTGCTTTGCCATTATTTGC  
CCAGAAAACATTTATGGCAAGGAAGCCTGAAAACATGGCAATGGTTGTAAGATGGGTTGC  
GATACAACCTGGTGATGTGAGAAGTGAAAATGAACTGACTCCTTTAGGGAGGACATTGGT  
TTATAGTAAACAGGTTTGCCTCATCAGAAATGAATATGGATATTGCTACACAATAAAAAG  
AGGAAAAACACCAACAACAGTAACAATGGTAATCACAATAATGATAATGACTCTGTAGGT  
ATAGAACCTCCAGTTTTTTGTGTTCTGAAGGTTATTTTCAGAGTTTCTTGCAAGAGAGAAA  
ACAAATCAGAAAAAAGGGGAAGAGAGAAGATGGGAAAATAATTTATGTA

>SEQUENCE:52:prostate\_MPM2000-004P1Novel007-2-Table2  
GACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATG  
GATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACTTGAACTTGAAAGCG  
TCTCTTAATAACACAGCACAGCAATTAACAGCTCGCAAACCTTTGTTTTATACACACCGT  
GTCACGACTTCCAGAAACCTTCCGGATTGGAGTCCAGTCCCTTGCGTTTGTGTTGGTCGTTT  
GTCCTCTTTCCAGGCAGGAGAGTGTACCTCCGCGTTTTCTCCCTTGTGTAGTCGGAATC  
CATCTATTGCAGGGTGCCGGTGGAGTCTGCAGTGTGTTCTTCTGAGCAGATTACTTTC  
TCCCTTTAGACTGCTGCGGCTTGCAGACTAAAACAACCCGTTGATTTGCTTGACTTCCAG  
GTCTAAAAT

>SEQUENCE:53:prostate\_MPM2000-004P1Novel007-2-Table2  
GTAATACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCA  
GTGTGATGGATATCTGCAGAATTCGCCCTTTGAGCGGCCGCCCGGGCAGGTACAAGATG  
AGACAGAATTAGAGGATGAAAATCAAGAAGGCATGACTGTGCACAGTTCTGTTACAGCA  
ATAACCTCAACTCTATGCCAACTGCTGAAAAGGGTAAAGACACATTAAAATCAGCTTATG  
ATGATACAGAAAATGACCTAAAAGGAGCAGCTATTCATATCTCAAAGGGATGCTCCACG  
AAGAAAAGCCTGGAGAGCAGATTTTGGAAAGGTGGCTCAGAGAGTGAATCTGCACAGAAAG  
CTGCAGGGAATCAAATGAATGACAGAAAGATTCAACAGGAATCCCTGGGTAGTGTACCAC  
TCATGGGAGATGACCACCCTAACGCATCCAGAGACAGTGTGGAGGGAGACGCTTTGGTAA  
ATGGGGCCAACTGCACACGCTTTCAGTGGAGCATCAACGTGAGGAATTGAAAGAGGAAT  
AAGTTCTTAAACTCAA

>SEQUENCE:54:prostate\_MPM2000-004P1Novel007-2-Table2  
TGGTCGCGGTGACGTAATAAACTCAACCCAGCCTCAACTTGAAAATGATTCATATGC  
CAAGGAAAAACCATTCAAATCCATTCCGAAATTTCTGTCAACTTTTTAAGTTCAAGAAC  
AGACTCTATTAATAAACTTCCCTAATTGAATCAGCTGCTGCATTCTCTTCCAACCATC  
ACGAAAATGCTTGCTGGAGAAAATTGATGTTATAACAGGGGAGGAAACAGAACATAATGT  
GTTAAAGATAAACTGCAAGCTTTTCATATTCAACAAAACAACACAATCCTGGATTGAAAG  
GGGCAGAGGAACGTTGAGACTGAATGACACAGCAAGCACTGACTGTGGAACATTACAGTC  
AAG

>SEQUENCE:55:prostate\_MPM2000-004P1Novel007-2-Table2  
ACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA  
TGGATATCTGCAGAATTCGCCCTTTGAGCGGCCGCCCGGGCAGGTACTCATTAAATTAG  
GGTTGCAGAGGAGATGGAAAAACAAGCTGTTTGATTATGAAGGCAACACTTCTGTCAGTA  
GAATTGCTTTGGATTGTAAATATGTTTACTTCAGAGGAAATCAGTCAGAGTGGATGGCTC  
AGCAAAACCCATCACAACCTGCGGAAAAAGGAAGTGAAGTGGCTAGAGGTAAGGAAATAGAT  
TTTCTCTAAGTTAACTGGCCTACGTGTGAATCGAACCCTGCACCCTGGCCTCATTAGCAC  
CAACACTGTGAAGAACAGCTGTGGCAGAGAAAGTGCCACGGCCCCACCCCATCACCAGAT  
TCAGTAGAAAGGCCCTTGG





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GATGGATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACCATTCCTATGAT  
GGTAGCCATTCTTCTCTTTATAAAATATTTCTCTTTGAAAAGCGTCCTAAACATTAAT  
TTCAAATCCCCTCTTGATGCAAAGTGTCCCTAAGACCGTCCATTCAACAGTATTTATGT  
GAGCCAACCTACTAGAGCCGCTACAACTAATCATGATAGACAGTCCAGAATCTCCCTGGA  
CTTTATACTGGGCCAGCCTCATTGTCCCTAAGATTTCTCTTTTATGTCTCACGGATTAC  
TTCTCTTTTAATTGCCCCAGGCACATTCCAAATGAGAACCTGGTAAAAGTCACATTGGA  
C

>SEQUENCE:64:prostate\_MPM2000-004P1Novel007-2-Table2

CTCACTATTGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGG  
ATATCTGCAGAATTCGCCCTTTGAGCGGCCGCCCGGGCAGGTACCTGCAATATATTTGG  
AGTATTATGTCTTTATTGTTGTTAAAAAGTTTTATTGAATGTATGAAAATTATCAAATT  
GTATTCATCAATTATTAACATGTCCTGGGGAAGGAAGGGAACTTTCTAGGACAGAAGTC  
ACTTTCAGATGTCATGTATGTATNTGGGTGTTCAATCATATCTAACACTGTTTTGATTTT  
TGTGGGAAAATATTCCAGGAAACGCTAATTCTCTTTAGACTCCTTGTTCTTTTATGACTA  
CAATGAACATATGTCTATGTGATAGCTAAAGATATTTTTGAATTGTATTGTGTGCTTAAT  
TATCGGGTAAGTATAAATATTTG

>SEQUENCE:65:prostate\_MPM2000-004P1Novel007-2-Table2

ACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGG  
ATATCTGCAGAATTCGCCCTTTGAGCGGCCGCCCGGGCAGGTACTTCTATGATATAGTT  
GTCAAATCAACTGGAGGATAATAAAATATTGTGGGTTCTCAGCATTCTTAGAATCCAAA  
TTACAACCATATCAGTACGGGTTTGGTCCACATGAGCCAACCTGAAGTCATTTTCCTCAAG  
GTTGGAATTTGTGCCAACCTAAATACGTTGTTTCTTTGATGGTGTTTATTGCTATTGGTA  
TTATTTTGAACATAACAATTATTTTGTCTAAATAATGCTAAGACAATTCTGTAAAGAA  
TTTTGTCAGCTAACATAATTCATTAAGTATGTTTGGCATCATATGGACAAAATATTTGGA  
T

>SEQUENCE:66:prostate\_MPM2000-004P1Novel007-2-Table2

CACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATG  
GATATCTGCAGAATTCGCCCTTTGAGCGGCCGCCCGGGCAGGTACTAGGTTGAGAAGTT  
TCTAATGTGAAAAATCTTGTTTCTGTTTCTGTTTCTGTTTCTGTTTCTGTTTCTGTTT  
ACCATATAATTGAGACAGAGAAACATTTTGGAGAATTAGAAGCTCACACTATTTATGGCA  
TAGGTTATATAATTATGATAATTTATGATTTACTTTCTTGACAAAACAGCTACAACCAT  
CTATACCTACTATTTCTCCTACAAAGTAGGTGAGATTTTTTATTGTTTACATTAGTTNGGA  
GGGTTTTTATTGTTTGGTTTTGCTTTAAGATAGGCATTGACTATAGCTTCTG

>SEQUENCE:67:prostate\_MPM2000-004P1Novel007-2-Table2

GCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGA  
ATTCGCCCTTTGAGCGGCCGCCCGGGCAGGTACACAGTCATTGTGATCTTAGTTATCAT  
TTCTAAGTAATTAATTTGATTTTTACTTGCTTATATTAGAAATGCTTATTACCAATGA  
GAAACAGAAAATGCCACATAAGTGAACATTTAAATGTTACAAAATTTATAATATATGTA  
ACGCTACTAAAATATATAATGAACTTTTCAAACATGTAAATATAAATCAGGAAAACCTGA  
TATGTAATAATTGGGCCAAAATGAAAATCACAAAACACAGTAGGGGGG

>SEQUENCE:68:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT  
GATGGATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACCAAATATGTTAC  
TACAAAGCAACTGTTCAAGTGTGCTAAAAACAGGTGTCTTCTCCCTTTTCAGAGCTCCCC  
TAGTCATTTGCAATATATTTTGCCTACTTCTCTAAAAATCAAAATAGGTCCTAATAAGTA  
AGATACAGGTCTTCAATCCCAACAGCACTAAGGGATTTTCTGAATAAAAAAACAACAA  
AACAAAAACAACAAAAAATCTGCTGCCAGTTTGCAGACAGAGTGCCGTGTTTCACCCCAA  
CCTATGGAGGCTAAATCACAGTCAAAAACAACTGCGTGACTGGGAATTATAGTAAGAGG  
AGTTAAAAACAAGGGCAGGTGCAGTGGCTCACGCTCGTAATCCCAGCACTTTGGGAGGCC  
GAGGCAGGTAGATCACCTGAGTTAGGGTGTGGGAGACAGCCTGGCCAACACGGAAAAACC  
CCGTCTTTACTAAAAAATCAAAATTAATGGGGTGT

>SEQUENCE:69:prostate\_MPM2000-004P1Novel007-2-Table2

TACACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA  
TGGATATCTGCAGAATTCGCCCTTTGAGCGGCCGCCCGGGCAGGTACACTCTTCTTCTT  
TTATTTATTTATTTATTTATTTTATTTTATTTTATTTTATTTTATTTTATTTTATTTT  
AGTGATACATTTGCTTCCTTATTTATGCATGCTTAGATCATGAACATGATGCCCTTCTT

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TTTTTTTTCTTTGGTCAAGTAGGGATTAATGCCATAGGTTTAGAGAGAAGGATTGTTTT  
CAGTTTTTAAGAGAATTTTTTAAAAATACATTTTATGGTTCTCTTAAGGAATTAATATTC  
ACTTCTGAAGGACTTACTTGTAATATATAATTTATCATTTTAGCCAGCAGGGAAATAAAT  
CATTTTTAATCCCCAGAAGA

>SEQUENCE:70:prostate\_MPM2000-004P1Novel007-2-Table2

TATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATC  
TGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACATAGGAATGCATCTTTGTTT  
GCACGTGTGTGTGTTGAGGAAACAGGAGGAATATTCATCTTTTTGTTGTTTGGATTTTGG  
CCCAGTCCCTTATGTTAAGGACTGACTGATTCTCTGACAGAATTCAGACCAAGTCATTA  
AACTTTGTTGCTTATGGAAAGTAATCTTAGTATCTGTTGGCCTTTATTTAAAAAATAAT  
TTTTTAAATAAGCATGAACAATATTCATTATCCCATTATAACCTTATTATTAGGTGAGT  
CAGATCAGTCTCTAAGTAGTGAGTATGAAGCACCTTAAATTCTTCCTAAAAACAAGATTA  
AATTAAATATACAAACA

>SEQUENCE:71:prostate\_MPM2000-004P1Novel007-2-Table2

CTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATAT  
CTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACCCGAAAAGAAAGGAAGCTT  
TAGTAATGAAAGGATTGCTGCCAAAATCCTGTTTCCCCCTTGCAGATCTTACAGAAAACA  
GCCACAGAATCCCAAGGCATCAGCACCGAGAGAGCCTGTAGAACTATCTGGTCTAAGCT  
CCTGAAGCCCAGAGATAAGAATGACTTAACCCAAGCTGCACAGCCTCTTAACAGTCCACT  
GTTAACCCCAGAAACAGATGCATTTGAATCTGAAAGGAGACAGGAATCCTAATCCTACTG  
CTCAGGGACTTGCTGATTTACTTTGCTGTCTATTAGCCTTTCTGTGACATGATTTTCTAC  
CAAGCAAAGTCTTTTATTCAAGTCTCCAGAGATTTCTTATTAAAGCGTTTGCTATTTGG  
CCACTTAAAAAAGACAGAAGAGAAGTAAACAGAAGCATATACCACACAACCTCAGTCCAGT  
CAGTAGTTGACTCTCAAGATGGCGGATGTCACTGAGATGGCTG

>SEQUENCE:72:prostate\_MPM2000-004P1Novel007-2-Table2

TGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTTTCGAGCGGC  
CGCCCGGGCAGGTACTCTAGAACCAAAGTTAAAGTGAGTCTCAATTTCTCACCTGAATAA  
AACTTCATTTTTCCACTTTTCTTATCAGTCCTTAAAAAACGATGAGCAGTCTGCCAAAAC  
TGATGTTTCAAGAACTTCTGGAATTAGGACAGAAACAAAGAGAAGAAATGAAGTCTCTTCA  
GGAGGCCCTGCAAAATCAGCTTAAGGAGACATCAGAGAAAGCAGAAAAACACCAGGCTAC  
TATTAATTTTTTAAAGACTGAAGTTGAAAGAAAGAGCAAAATGATCCGAGACCTCCAGAA  
TGAGATAAAAACTTGAAAAACAACTCTTGTCAGGAAACAAGCTCTGTGGCATTACACGC  
AGAAGAGTCAAAAAAATCCAAGCCCAGCTGAAGGAGCTTCGTTATGGGAAGAAGGATTT  
ATTATTTAAGGCGCAGCAGCTTACTGATCTGGAACAAAAATTAGCTGTAGCCAAAAATGA  
ACTGGAGAAAGCAGCTCTTGACAGGGAGTCACAGATGAAAGCAATG

>SEQUENCE:73:prostate\_MPM2000-004P1Novel007-2-Table2

ACACTACTTAGGGCGAATTGGGCCCTTTAGATGCATGCTCGAGCGGCCGCCAGTGTGATG  
GATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACAACCAGAACCAACAAT  
TGTATTTTTCTATAGTTATTATAAAATAGTAATCAATGCTATGTATTTGATGTATATGTG  
TCTAAATGAGAAATAACTTTTGGCTTTGAGTCTTTTAAATGTGCGTTAAATATGTAACT  
GAACCTGTTTCTAAATGCATTAACTTGAATGCTGTGTCTATCCAATGCCAAAATGCTC  
AGAAGAAAAGTGAATAATTCAGTCATTCATCTGGATGTAGTTTTCTGAGTAATCTCAAAT  
ATCTGAATATTGAAAAAACTAGGTTGCTAACTTTTTTTCATTCCTTATGCAAATGTTTAGC  
ATCATA

>SEQUENCE:74:prostate\_MPM2000-004P1Novel007-2-Table2

TATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATC  
TGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACGCATCTTCCCATTCGACCTT  
GTCCTCCAGGTTCACTCACGCCAAGGAGGAGGATGACTCAGATCAGGTTGAAGTCCCTCG  
AGACCAAGAGAATGATGTCGGGGATAAGCAGTCGGCTGTGAAGATGAAGATGTTTGGGAA  
GCTCACCCGAGACACGTTTGAGTGGCACCTTGACAAGCTTCTATGTAAGAGATTTAATGT  
CCCTGACCCTTATCCAGATTCAACTTTAGTTGGCTTACCAAGAGTGAAGCGTGACAAGTA  
CCGTGCCTGAATTAATTATTAATTTTAAATACTTCATTCCTTAACTCTCCCT

>SEQUENCE:75:prostate\_MPM2000-004P1Novel007-2-Table2

TATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATC  
TGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACCATTCCTTATCTCAGAATGCT  
GTAACCATCAGTAGAAGCAGTTTAGATTTGGACTGCATGGTAAATGAAAAGTAATAAC

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CCTCCAACCACAACCTAGTCAGGGTATTAATAATTATATGTAGCAAGAAAACAAAGAAGA  
AAATAATATTGAAAAAATGGAGATTCCCCAACCAGTTTCATATTTGAAGGATCTGAGTTG  
TATTTTTATTAAGGAAATTTTTTTCTGAATACTGTCTTCCAAAATGTTAACATTAAAAT  
CTGAATCAGAGGACTCTGAATGGAAAAGAAGTTTGATCACTGACACCTAGGGCTCTGAAG  
CGTGTGTGGCC

>SEQUENCE:76:prostate\_MPM2000-004P1Novel007-2-Table2

AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGC  
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TCTATAGTTATTTTAAAATAGTAATCAATGCTATGTATTTGATGTATATGTTTCTAAATT  
AGAAATTTCTTTTGGCTTTGTGTTTTTTAATGTGCGTTAAATATGTAACTGAACCTGT  
TCCTAAAATGCATTAACTTGAATGCTGTGTCTATCCAATGCCAAAATGCTCAGAAGAAA  
AGTGAATAATTCAGTCATTCATCTGGATGTAGTTTTCTGTGTAATCTCAAATATCTGAAT  
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>SEQUENCE:77:prostate\_MPM2000-004P1Novel007-2-Table2

GCAGTGTGATGGATATCTGCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACAGT  
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TGAGGCTGCCAGAAAGCATCTTAGCAATTTGTGTTTGGATGGTCCATGCCTGACTATTCT  
AGGCTGGAGGTTCTAAAGAGTAACAAGAGGAAGAGAAACAAGAATCTCTGACACTTGTT  
GAGAATAGAGCACAGTCCCATTTGTTTGAAGAGACACCAGGCAGCCATGTTTATGTGC  
CAGAAATGCATTCCACCTCAAGGAGGACTTAATTTATGGACCCGTGTGTGCCAGGCTGAG  
CTGGGCAAGATCTTTCTCA

>SEQUENCE:78:prostate\_MPM2000-004P1Novel007-2-Table2

CCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTT  
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CTTAGCCAGGCGTATGGTCCTGGTTTCTGAGGCTGCCAGAAAGCATCTTAGCAATTTGTG  
TTTGATGGTCCATGCTTGACTATTCTAGGCTGGAGGTTCTAAAGAGTAACAAGAGGAA  
GAGAAACAAGAATCTCTGACACTTGTTGAGAATAGAGCACAGTCCCATTTGTTTGAAGAG  
AGACACCAGGCAGCCATGTTTATGTGCCAGAAATGCATTCCACCTCAAGGAGGACTTAAT  
TTATGGACCCGTGTGTGCCAGGCTGAGCTGGGCAAGATCTTTCTCAGGACAAACTCTGCC  
ATGCAGCTAAAAGCCTGGAACTAAAGGATTTTATGTAGTAACTATCTTCCAACCCCTG  
TAGACATCAGACCACAGGATGA

>SEQUENCE:79:prostate\_MPM2000-004P1Novel007-2-Table2

ATACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT  
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AGTGTGGAGGTGAAGGCAGTATTAACAATATCCTATAGTTGACTGAAGAGTTGGTTACAG  
CAAAGCTCTCCATTGCCCTTAAATTTTCTCTCTCCTTAATACAGTAGGATCAATTTTAAG  
TGCATTTTATGTGTGCATTTTAAACTCTTTTTTAAAAACAGAATAGAAATGGTTTTTCAG  
AGTGATGCTGATATTGGTTGATGATGCCAAGGCACCAATGGAGAGCATATTTTTTAATT  
GAATATGTTTTTATTTTCTTGTTTGTGATTTTTTAAAGTGAATCCAAATGTGAAGAGGAA  
AAAAATCAAATTCTGCCAATTGAAAAGAACAAAACCAGC

>SEQUENCE:80:prostate\_MPM2000-004P1Novel007-2-Table2

AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGC  
AGAATTCGCCCTTAACGTGGTCGCGGCCGAGGTACCATTTCTCAGAATGCTGTAAA  
CCATCAGTAGAAGCAGTTTAGATTTGGACTGCATGGTAAAATGAAAAGTAATAACCCTCC  
AACCACAACCTAGTCAGGGTATTAATAATTATATGTAGCAAGAAAACAAAGAAGAAAATA  
ATATTG

>SEQUENCE:81:prostate\_MPM2000-004P1Novel007-2-Table2

GCGAATTGTTCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGA  
ATTCGCCCTTAGCGTGGTCGCTTTTCGAGGTACCTCTTTTCAGTTTCCCAATTAGTTATTTG  
TTTTAGATTAAACAATAGTGTAATGCATCAATTCCTTGGGTAAATTTACCGATTGGAATTC  
CTAGTGTATCCTTGAGACACAAGCAAAAACTCAACAATATTATCCACGTGAAATGGGA  
CCTCTAAACTGTCCTGTTTTGTTACAGCCTCTAATGAGCTAAAATAGTATAAGAATCTTG  
AAGATTAAGAATTTCTGTAGTGCTCTACTTGCCTGAAATTTGGGGTGCTAAGCATTAATA  
AATGCAATTTTAGTGTGTTATACTTGCGGACATTAAACACTATGTGTAAAGGTTGAGAA  
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>SEQUENCE:82:prostate\_MPM2000-004P1Novel007-2-Table2



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TACACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA  
TGGATATCTGCAGAATTCGCCCTTAGCGTGGTCCCGGCCCGCCAGGTACAAGAGGGGTGCACTA  
ACAAAGGTCTGATTTAAGTGCTTTTATTCAACCCAGTGAAGGGAAAATGACAGTAATACA  
TCTAAGCCATGCATAAAGGATTCAGGCTTCCTTGAAAAGGATTCACGTGGCATAAAATGG  
TTTGTTTCTTCACAGCAATTTACATTTATTAATAAGATAATAGGCATAATCATTGTCAA  
AATAGAGCTTCTACCCTGTATAATATCTTAGTACATTCCCCGCGTACATAAAATATATTT  
AACTATTGATAATGTGGGGTGGGTAATACTGGCTGGGAAATAATGTTAGAAGCTTTTCAC  
TTAAAAAA

>SEQUENCE:83:prostate\_MPM2000-004P1Novel007-2-Table2

TACACTACTATAGGGCGAATTGGGCCCTTAGATGCTGCTCAACCGGCCGCCAGTGGTGATG  
GATATCTGCAGAATTCGCCCTTTTCGAGCGGCCCGCCCGGGCAGGTACAGAAAGTTTCAGCCA  
GTCTTCAGAGAAGTAAAAGTGATGTCTATTGTGCATTGAAGTAAATATTACAAACATTCC  
AGTTTCGCAATACAATACTTGAGCTTTTGAACACCTCAGACACTAGAATGTGTAATGCGA  
GTCAAAAAAGCTGACATACAAAACAATTCCCATTGCTCAGGGTTCCTAAATGTCACAA  
TATCTTGGGTAAAATATACTTTTTGATTTCTGATGATGTCCTTCTAATCCCTTCTGACT  
TTGATTCCTAACAGCCAGGCACTGTTGACATGAATCATTAACCTTCCAAACCCCTTTAAAA  
T

>SEQUENCE:84:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
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ACAGCAATGCAGAAGATGGCCAAGTCCCATGTTTTCTTAAGTGGGATGGGTGGTCTTGGT  
TTGGAAATTGCAAAGAATCTTGTTCTTGCAGGGATTAAGGCAGTTACAATTCATGATACA  
GAAAAATGCCAAGCATGGGATCTAGGAACCAACTTCTTTTCTCAGTGAAGATGATGTTGT  
TAATAAAGAGAAACAGGGCTGGAAGCTGTACCTC

>SEQUENCE:85:prostate\_MPM2000-004P1Novel007-2-Table2

AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGC  
AGAATTCGCCCTTTTCGAGCGGCCCGCCCGGGCAGGTACCTGGCACTACAGACATGCACAAG  
CATGCATGGCTAATTTTAAAAAAATTTTTGTAGAAATGGAGTCATGAACCTCCTGGGCTCA  
AGTGATCCTCCACCTCAACTTCCAGAGTGTTGAGTGAGATTACAGTTATGAGCCACCA  
TCCCTGGCCAATAAAGGTGTTTTTAATACCTATAAGAATATTGCCTGCAAGGATGTTTGA  
TAGGTTTCTTGATATTTTATTCTCTCTTGAAATGTTTGCTTCGTCAATTTTTTATTTTC  
ATAAAAGCTTTACTCAAGAATTAGGATGACCACTATGTTATCTAGTAG

>SEQUENCE:86:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT  
GATGGATATCTGCAGAATTCGCCCTTTTCGAGCGGCCCGCCCGGGCAGGTACTGCCCTCCTT  
ATTCAGCGCTGTCATTCTGATCACTCTAGGACCGGTTGAGACTTTTTTCGTGATACAGTT  
TCCTACCTTTTTAGGCAACCATCTGTAAGACAAGGTAGAATGCTACCATAACCATGATTA  
ACATTTGCAAACACTCTGCCACAGTGCAGCCACTTTCTTTGCCTCCAGCTGAAGAAATTG  
AGGTGCACAGAGGTTAAATTTGATGCTCAAAGCAATACAACTAGAAAATATAGGAGGCTG  
GGCTGCCTGATTGATTCCCAGCTTAGAGATTGAAAGTCACATGCGAAGCGCTTTAGCAGA  
TAGAGAAGGGGGAGTCATACTCCAGCGTGCAATTTAGTTTGTGCTTTTCTGTCCTTGAAT  
TAAGAAGTGTGACGTGTGCCTCCAACAGCATAGCATGCTACAGAAATGGATTTCTTTTCC  
TGGGGTTGATAATCTGCTGGCCAAATCTTTATCTCTGTAGTATCCC

>SEQUENCE:87:prostate\_MPM2000-004P1Novel007-2-Table2

AATACGACTCATATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT  
TGATGGATATCTGCAGAATTCGCCCTTAGCGTGGTTCGCGGCCGAGGTACTAGATATCCAA  
ATGAACCTGGGAGAATTACATGTTAGATAGCATTTGAGTTAAACCAGACCAATTTATATG  
GGACAATTTACTAGTTGACAACAAAATATTTCTGACTGTGGGTATTCAATTCAATGAGGT  
TATTGCTTAAGGATCATAATTGGTCTGGAATCTTTGAGAATGTGTAGGCTACTTTATAAA  
GTTACATAAAATTGTGAAAAAGTTGCATGCTTTAGAAACAGTATTTCCATCAAGCTTGTG  
GTTTAAAAAGACTATGAAGACAATAGCAAATGGATGTTTTTAACACC

>SEQUENCE:88:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
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GGAAACTGAGCGTGGGCCTCAGAAAGAAGTTAAGGCACCCGCGAGCCGGGCAACTGCCC  
TCCTTCCGCGCCCGGCGGAGCGATTAAAGTGAAGAAACAATGGCCAGCAATCACAAATCTT

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CAGCAGCTCGCCCTGTTTCAAGAGGTGGAGTTGGGTAAACAGGAAGGCCTCCTTCTGGGA  
TACGACCCCTATCAGGAAATATTCGAGTGGCAACTGCAATGCCACCTGGGACAGCAAGAC  
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>SEQUENCE:89:prostate\_MPM2000-004P1Novel007-2-Table2

CTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTTTCTGA  
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ATAAGAGTAACTTTCACTCTTTTCCCTATTTTAAGACTATTTCAATAGTAAATGCTATTT  
GTCACAAGGAAGTTAGATGGAAAGGAATGAATCACCATTGAGGACAAATGTATAACCACT  
GTGATGTGACTGACACCAAAGCAGATTATGGCTGTGTGTTCTGAGTTGTCTTCCTGTAA  
AAAG

>SEQUENCE:90:prostate\_MPM2000-004P1Novel007-2-Table2

GCTCAGCGGCCGCAGTGTGATGGATATCTGCAGAATTCGCCCTTAGCGTGGCGCGGCCGA  
GGTACACTATCCTGTGGTTTCTAAATTCTGCTTCTTTATTAAGAAGCGATTAACTGTAAG  
GTAGAGGAACTACCATGTTATACTTCTCTGCAAATCTCAGAAACAAGCACCCAAATGTAG  
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AGGGCTGCTACC

>SEQUENCE:91:prostate\_MPM2000-004P1Novel007-2-Table2

CTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA  
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ACAGCCACAGAATCCCAAGGCATCAGCACCAAGAGAGCCTGTAGAACTATCTGGTCTAA  
GCTCCTGAAGCCCAGAGATAAGAATGACTTAACCCAAGCTGCACAGCCTCTTAACAGTCC  
ACTGTTAACCCCAAGAACAGATGCATTTGAATCTGAAAGGAGACAGGAATCCTAATCCTA  
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>SEQUENCE:92:prostate\_MPM2000-004P1Novel007-2-Table2

ACTACTATAGGGCGAATTGGGCCCTTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA  
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GTCTTTTATTAAGTAAGAAAAAGTTAAAATGGCATGTAAGTAAAGAGGTGGGAAAATAA  
TAAAGGAAAAAATTAAGAACAAAACGAAAAGAATCATGAAATAGTAAAACAGTAAAATTA  
AGATATAAATCTCAGAGTTGGTTATTTGAAAAGATCAATGAAACAGAGTAATTCTGGAAA  
AACCAATGAGAACAAAAAGGGAAAGCACACGCAACATGGGAATGAGGAAGCAGAATACTA  
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ATTAAAAAAAT

>SEQUENCE:93:prostate\_MPM2000-004P1Novel007-2-Table2

ACTACTATAGGGCGAATTGGGCCCTCTAAGATTCCATTCTCAACCGGCCGCCAGTGTGA  
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ACTCAGTTGTGAGGGGGAAGGTAGACTCTTTCCAGACCTTTGATAAAGGGGCTGCTCAA  
AAAGCCACGACCTTGGGCCTCTGCTAAAACCATGGCTTTAAGTAAGGAGGGAGCAGATAT  
ATAAAAAACCTTATCCCTCTTTCTAATCTCTTATGTCCTGTGAGTGTACCCATTGAGTA  
AACCCAAGTGGAAGTCAGTAGGAAAGTAGCTGGGATGATGCCAGTCTTTACAGGGTCTTC  
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CTGGG

>SEQUENCE:94:prostate\_MPM2000-004P1Novel007-2-Table2

AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGC  
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CCAATTAGTAAGTAGTAGCTGAAAGAATGACAAATAAGTCTTAACCATAAACCAGTGAGA  
AAGAACTTTAGGAGCAATATGATCAAATAGTATGGAAGAATACGCAGAGAGAGTTATTG  
CTTTTCTTCAGAAAAGGGTGGGGAAGAGAGTCAGGGAAGTCTTTGTGAAGGAGAGGAAAT  
GTAATCTACTAGGTGGCCAGTCAATCCATAACAATTGGAGTTGACTAATGTGGAAAAAT  
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>SEQUENCE:95:prostate\_MPM2000-004P1Novel007-2-Table2

ATACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT  
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GCAAGAGGTGCAAAGACTTAAAAAGGAACAGGCCAAAAATAAGGAGGACTCAAACATAGA  
GAAAATTCAGCAGGAGCTGGAAAAACTAAGCGTGCATTTGATTTCACTGCTCATGGCCGA

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AGACACGTAGCCCTAAGAATAGCCTATATGGGCTGGGGATACCAGGGCTTTGCTAGTCAG  
GAAAACACAAATAATACCATTGAAGAGAACTGTTTGAAGCTCTAACCAAGACTCGACTA  
GTAGAAAGCAGACAGACATCCAACCTATCACCGATGTGGGAGAACAGATAAAGGAGTTAGT  
GCCTTTGGACAGGTGATCTCACTTGACCTTCGCTCTCAGTTTCCAAGGGGCAAGGATTCC  
GAGGACTTTAATGTAAAAGAGGAGGCTAATGCTGCTGCTGAAGAGATCCGTTATACCCAC  
ATTCTCAATCGGTATGGCTGTAGAATTCCTCTAATCTTATATGACTGTAAGTTTGAAAA  
TGTCAAGTGGATCTATG

>SEQUENCE:96:prostate\_MPM2000-004P1Novel007-2-Table2

CCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTT  
TCGAGCGGCCGCCCGGGCAGGTACTGCCTTATCATTTTATTGGTGTGTTACTAGAGA  
TTTGAAGTTCCTTAAGGCAGCATACTTTGCAGATAAATAATCTGAGAGAATCTGGT  
AGGTCAACAGATCTGCTGTCTGTGAGCTAACACTAAAGAAATAGAAGAAGAGGAAATCTT  
TGAAAAATCGAGAAAAGATACCTTTGATCCCAAAGTCTTGGTTTGAAGGAACTTTTTAT  
CCATTAGATCATCTAATTCTGGAAGAATAACCAAAGTGCAGCATCCTTGTATTCTTCCTC  
TAAGAGGCTCATCCTCATAGGGGATGTAAATTGAGCCAAGTTTTCTAAGTGTCTAAATGT  
TAAGTGCTCCANGGCTCAGTCCTTGGACTCTCTAGTCTCTTCTTTGGTGAAGTGTCCATT  
TGT

>SEQUENCE:97:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
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ACCATCTTGGAGTTCCCATCGTGCAGTTTGCTTACGAGGACATCAAAACATTAGAGGGTC  
CAAGTTTTCTCTCCGAGGCCCGTTTTCTACACGAGCAACAAAAATTGAAGAAATGGATC  
CCTCTTTCAACCTTCATGAAACCACTTAAGCTCTCAGGAGAAGCGATTTTGCGAATTG  
CCAACGAACCTGTTCTGCCCTTAATGCACTTGATATAGCTTTAGAAGTTCAAAACAACC  
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>SEQUENCE:98:prostate\_MPM2000-004P1Novel007-2-Table2

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CATGGGTAGTATGATGTATGTGTTATAACAGCATACTGGAGAATGAGAAGCTCACAAATAG  
TGGTTTCTTTTGGGGAATGGGCTTAGGGAGATGGGCATGTAAGGGAACCTTCATCTGGAGA  
TAATGATTTATTTTCTTAAGAAAAAGTAGATAGAAGAAGAATGTTAGAATATCTTAAAAA  
AATAGGAATCCCATTTCTGTATTATTGGATAACATTAGCACACCCAATGAAATCAATTCCT  
TAGTTTTATCCAATGCCAGTTTATCCTCATCTTTCTCCAGTTATCCATAAAATATCCTT  
TAAAGCTGTTTTTCCC

>SEQUENCE:99:prostate\_MPM2000-004P1Novel007-2-Table2

AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGC  
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ATTGAATCAATCAGTCAGCCAATTAATATGATGTTAGTGATAGACCTGCCTCCTTTTATG  
GAAGAGGTAACAGATCCAGAGAATTCAAGTAATTTATTTGTAGACTGAAAAATATATTAA  
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>SEQUENCE:100:prostate\_MPM2000-004P1Novel007-2-Table2

CTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTTAG  
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TCCATCTCAAAAGTTTGGGATTTTCCTCCTCTTAACCTTTCTTAATATTTGGACATGCAGT  
TGTCGCCAACTTGGGTATTCATGGAATTTCTAGTAAATGAAATACCTATACTTTGATAC  
TGAAGACTGCCAAATACATAGGAATTTTCTTTCTTAAAAAACAGTAATGAAGACTATATC  
TCCTTTCCCAGCACTGAATGTTTTACTAGCACTGNGTGCTCACCATGCAACTGAAGAAAA  
TGTGGAACTCAAAGGTCAGGACAGACTTCCAAGCACTTGCAACTGATGTTACTGTCTT  
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ACTTTTTATAAGCTTTAAATGATTT

>SEQUENCE:101:prostate\_MPM2000-004P1Novel007-2-Table2

TATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATC  
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CTTAAACAGAAATGAATGAAATAAAACCAGAATAGAAGAGACGATCTACAAATCCAAAA  
GTTGGTTTGTGAAATACTAGTAGAGCTGACATACTTGTGGTGAGACTGATGGAAATAG  
TGCAGTTACAATAACCAATATCATAATTGGAAAGGAAATCACTATAGGTGCTGTAAAAA  
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>SEQUENCE:102:prostate\_MPM2000-004P1Novel007-2-Table2  
ACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGG  
ATATCTGCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACTAGACTTATTCAAAT  
CCCTTAGTCCCAAGCCTGAATTGATTCCAAGGGCAAGGATGTCTCCATTTGTGAGAAAAA  
AAAGAGCAAGAGAAACGAAACCAAGAAGTGCTTGACATCCTGAGCAATTCGCGGATGCTG  
CTTTGCCAGAGAGTAGGATGCCAAATATTTTCGAGAAAGCCTTTCTGGACTTGAAAAGGAA  
AAATGAGAGCCAGTCTTGTGCTGTCATTTGACTTTTAAATCATCTCCTGGAGGAAGGTTA  
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TTTTCCCTAGCCCAATA  
>SEQUENCE:103:prostate\_MPM2000-004P1Novel007-2-Table2  
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TTATGTGGCAATATTACCTCACCCACTTTCAAAGATGTCAGCAAGCTAGGTCAAGGATC  
AGGTGCCACGTTATAGACTTGAAGAACTTGGCTGATTTTTTCCCAGGATTTATCCATCAG  
CAGTCCTATTAGCAGCAGAAAATTAGAAATCCTGAATTTTAACAAAGTCCCTAAAGAGTC  
AAAGAACACTGGGTGATCACAATCAACCAAGCTACCACTTGTCCAGAGCATTTTTCTAA  
AGAGAAACAGCTAACACAAAAAACTTAACCTCCTTCAGGAAAGATTTCTCTTCGCCG  
GTAGTCTCTCCTGTTCTGTCCTCCTGCATCGAGGCGGCCAGCGGGAGCCCGTCCGCCACTC  
GGGCGATCATTGTTAGCAACACCATCTTCACAACTAC  
>SEQUENCE:104:prostate\_MPM2000-004P1Novel007-2-Table2  
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AACAACTTGAAACGTGTGTTTCGCATATTTACAAGCAGGTATTTTTCCAATGCCACTCAC  
AGCCAATTAGTGGGTCAATTAATTAACCTCAGTGAATCCCAACCAACATATTTCCCAT  
AATAGAATGAAATTGAAAAGGTGGACTAGAATAGAAAATATCAGAGTGCCTGACATATGT  
AGGTATATCTTGTTCATGAAAAGTTTGTGTTTAGAAATATAAATGTTGTTATAGATACAT  
GTGAACATGTAAAATGGATTTCTTATTGTAGGTTAAAGTCCAAAAAGTTTAAAAGCTTCT  
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>SEQUENCE:105:prostate\_MPM2000-004P1Novel007-2-Table2  
ACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGG  
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TTGTGTAGAACATAGATGAGAACTCCGGGAAAACCTTGGGAATGGCAACCAACCAAAATCA  
TTTTAATCATTTATTAGAAATTTCTCAATATTGTGTCTTTTTCTTTTGAACTCTAAC  
ACTTCAGAAAAAACACTATCAGTGTAGTTCATGTTAGTATAATTATAGATTTACATATA  
TTTGAATAGTTAATTTGCTTTGTTTTACACGTAGCCCACTGCCTCATTATAGGTAAAAGG  
CATTTATAACTGCTCAGGGGATTACGAGAACTCAACTGAACTGAATTTTTGTAACAAGA  
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>SEQUENCE:106:prostate\_MPM2000-004P1Novel007-2-Table2  
GACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATG  
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>SEQUENCE:107:prostate\_MPM2000-004P1Novel007-2-Table2  
TTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCG  
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CATCACTTAGCCAGGCGTATGGTCCTGGTTTCTGAGGCTGCCAGAAAGCATCTTAGCAAT  
TTGTGTTTGGATGGTCCATGCCTGACTATTCTAGGCTGGAGGTTCTAAAGAGTAACAAG  
AGGAAGAGAAACAAGAATCTCTGACACTTGTGAGAATAGAGCACAGTCCCATTGTGTTG  
AAAAGAGACACCAGGCAGCCATGTTTATGTGCCAGAAATGCATTCCACCTCAAGGAGGAC  
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>SEQUENCE:108:prostate\_MPM2000-004P1Novel007-2-Table2

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ACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA  
TGGATATCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACCCGAAAAGAAAG  
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GAAAACAGCCACAGAATCCCAAGGCATCAGCACCAAGAGAGCCTGTAGAACTATCTGGT  
CTAAGCTCCTGAAGCCCAGAGATAGGAATGACTTAACCCAAGCTGCACAGCCTCTTAACA  
GTCCACTGTAAACCCAGAAACAGATGCATTTGAATCTGAAAGGAGACAGGAATCCTAAT  
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TT

>SEQUENCE:109:prostate\_MPM2000-004P1Novel007-2-Table2

CCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTT  
TCGAGCGGCCGCCCGGGCAGGTACTCACGTTGCCTCGTGTACCAAAATTGGTGTGGCTG  
CTGTGGTGCGGGGGGCTGCACTGATGGCACCCCTTCCTGTCTTCATCAAGCAGCTGCCCT  
TCTGCCGCTCCAATATCCTTTCCCATTCCTACTGCCTACACCAAGATGTCATGAAGCTGG  
CCTGTGATGATATCCGGGTCAATGTCGTCTATGGCCTTATCGTCATCATCTCCGCCATTG  
GCCTGGACTCACTTCTCATCTCCTTCTCATATCTGCTTATTCTTAAGACTGTGTNGGGCT  
TGACACGTGAAGCCCAGGCCAAGGCATTTGGCACTTGCGTCTCTCATGTGTGTGCTGTGT  
TCATATTCTAGGTACCTCGGCCGCGACCACGCTAAGGGCGAATTCCAGCACACTGGCGGC  
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>SEQUENCE:110:prostate\_MPM2000-004P1Novel007-2-Table2

TATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATC  
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GATAATCACTTTCTCAATCTCTGCTTGTTAAATGGCTTCTAAAAATTCTTGGGTAAATAT  
GGGTATGGTTGCATAAAGAAAAATCCCTTAAAGGATAAGCCAAAATTTTTCAGTGATAGT  
GCATAAAGCCTTGTTATCTTTAAGGCTTGTCTTTTGGTGCATAGAGCCAAATAAATTGC  
CAAGGCCAAAACAAAAGAAAGAAAATCTAGTCTCTGATTTAGTGCCCAAAGTTTTTAA  
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>SEQUENCE:111:prostate\_MPM2000-004P1Novel007-2-Table2

TATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATC  
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GTGACCCCTCATCACTTAGCCAGGCGTATGGTCCTGGTTTCTGAGGCTGCCAGAAAGCA  
TCTTAGCAATTTGTGTTTGGATGGTCCATGCCTGACTATTCTAGGCTGGAGGTTCTTAA  
GAGTAACAAGAGGAAGAGAAACAAGAATCTCTGACACTTGTTGAGAATAGAGCACAGTCC  
CATTTGTTTGAAAAGAGACACCAGGTAGCCATGTTTATGTGCCAGAAATGCATTCCACCT  
CAAGGAGGACTTAATTTATGGACCCGTGTGTGCCAGGCTGAGCTGGGCAANGATCTTTCT  
CAGGACAAACTCTGC

>SEQUENCE:112:prostate\_MPM2000-004P1Novel007-2-Table2

CGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA  
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ACACACACAGGGCTCTTAACAACCTGGTCCTGAGTAGCTCTTTGTAAATTCTTTATTGCCG  
GAGTGAACCCTAAGTGGCTCACAAGAGTGCCCTATTTCTTTCAATTAACACAGGACAA  
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>SEQUENCE:113:prostate\_MPM2000-004P1Novel007-2-Table2

CGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA  
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AGAAGTGGGGAGCAGAGAGGAAGATGGAGTGGAAAGGGGCGAGGCAAGGCCCTCCTGAA  
A

TACCTCAACCCAAATCTTCAAGAAATCCCAAGTCCTCACAGTGCTTTTTGTGGATTTT  
GTGGAAACCGGTAAAAGGGGCTGATTTGCTGACCCCAAGTGGGTAGAAAACAGAGACTGTC  
AAGAGAACAGAAGAGGAGGCAGAAAGGGGATGGGGAAGTGGGGTTCCGCATGTTACAGAG  
CTCCTGGAGCCACAGGGCCCCCCCCAGGAACAACAGAGCTGAGACTGGGTGGCCTTGTTTCT  
GGCCCAATTCCCTGGGACCACCACCCTGGAAGGACAACCTTGAAGCCCTACTCAAGGACCCA  
CCACAACATCTCAGCATTGTCGGTCCTTAAATGCCAAGGTCTGTGCTCACCATTTCATC  
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TTTCTGACACTG

>SEQUENCE:114:prostate\_MPM2000-004P1Novel007-2-Table2

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GACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGAT  
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GTTTCCTATGACTAGGGATCACTGTCCACACAGAGTCTGGCTTCCCAGGTATCCAGCAGG  
TAGACAAAACAGCTAACTCCACTGCCACTCCTTTCTCCACATCCGTTCTTCTCAGC  
CATCTCAGTGACATCCGCCATCTTGAGAGTCAACTACTGACTGGACTGAGTTGTGTGGTA  
TATGCTTCTGTTTACTTCTCTTCTGTCTTTTTTAAGTGGCCAAATAGCAAACGCTTAAAT  
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>SEQUENCE:115:prostate\_MPM2000-004P1Novel007-2-Table2

ACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGG  
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GCTTTAGTAATGAAAGGATTGCTGCCAAAATCCTGTTTCCCCCTTGCAGATCTTACAGAA  
AACAGCCACAGAATCCCAAGGCATCAGCACCAAGAGAGCCTGTAGAAACTATCTGGTCTA  
AGCTCCTGAAGCCCAGAGATAAGAATGACTTAACCCAAGCTGCACAGCCTCTTAACAGTC  
CACTGTTAACCCCAGAAACAGATGCATTTGAATCTGAAAGGAGACAGGAATCCTAATCCT  
ACTGCTCAGGGACTTGCTGATTTACTTTGCTGTCTA1TAGCCTTTCTGTGACATGATTTT  
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>SEQUENCE:116:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTCATATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
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GGCCATTTGTGGTTATAAATCATCAGGGAAAATATTCTATAGTTTCCATGTGCCACTAAG  
GTTGAGACAAATGAGTTCCTTGCTGCGCCCTTCTATGGAGTGTTTATTTCTTGTTCACT  
TTACACTGAGGGTGTCAGCTTTATGAGGGAACCTACTAGATTTCTCATTTCTGTTGCC  
CATACTTTGTGTAATCACTAAAATAGAAGGTTATGGTCTGCTGAATTTGGCAAAAATTCT  
GGGGAAAAGCTGGCTTTGGCAGTTACTTCCTAGGATTCCAGCTTTTGCTTCATTTTGAAG  
AGCCGTAGGTTCTTACTTTCTGTCCTGCTCAGCAATATGTTTAAAAGTATTTTTTATAA  
ATATATTTACCCAGTATCTTGGTTGCTTCTGCTGAAAGGACTTTTCAGAATTATCTAATC  
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>SEQUENCE:117:prostate\_MPM2000-004P1Novel007-2-Table2

ACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
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TTTTTTTTTTGAGCTGCGGGGCATGATGGGGATTGCTGCATATTATCAGTTGGATGTTCTT  
GCCCTTGACAGTAGCTTATTGCTCTGGGGGGCCGGAATGGATTCATTACACTTCTTAAAAA  
AGAGGAGAGAGAAATAA

>SEQUENCE:118:prostate\_MPM2000-004P1Novel007-2-Table2

CGACTCATATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGAT  
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GTGTTGCTTCAGAAATTCAATGAAAAAGATTTGGAAGTAATACAGCAGAACTGCTATTTA  
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>SEQUENCE:119:prostate\_MPM2000-004P1Novel007-2-Table2

GACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGAT  
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TTTTTTTTTTTTCTTTTTTTTTTTTTTTTTTTTTTGGGGCACAAATATCGTTTTAGTTCAGT  
TATCCACATTGTTTCATCTAAAATAATACATTTTCTTTACATATAACTGTCTTAGACTTGT  
AATTGAGGATATTTGATGAAACAGATCTGTATCTGAAACAGCACTATGATGCTAAACATT  
TGCATAAGGAATGAAAAAGTTAGCACCTAGTTTTTTCAATATTCAGATTTTGTAGATT  
ACACAGAAAGCTACATCCAGATGAATGACTGACTTTTTCTTTTTTTTCGAGACATTTTG  
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>SEQUENCE:120:prostate\_MPM2000-004P1Novel007-2-Table2

ACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
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AGTGAACACTCTACCCAGTCGTTTTTCATCCCTCACTTTCTACCACCCTCCAACATTTT  
TGGAGCCTCCAGTGTCTCTTATTCCACTCTGTATACCCATCGTTTAGCTCCCATTTCCAA  
ATGAGAACATGCAGGNTTCTGACTTTCTGTCTCTGAGTCATTTCACTTACGATAAGGGCT  
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>SEQUENCE:121:prostate\_MPM2000-004P1Novel007-2-Table2

GGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAG  
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CTATAGTTATTTTAAAATAGTAATCAATGCTATGTGTTTGATGTATATGTTTCTAAATTA  
GAAATTTCTTTTGGCTTTGTGTTTTTTTAAATGTGCGTTAAATATGTAAACTGAACCTGTT  
CCTAAAATGCATTAACTTGAATGCTGTGTCTATCCAATGCCAAAATGCTCAGAAGAAAA  
GTGAATAATTCAG

>SEQUENCE:122:prostate\_MPM2000-004P1Novel007-2-Table2

CTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA  
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AGAGAGCCCTCCTCTGGTCAGGAACTGAGATCCAACAGGTGAACAGTAATTGCTTAACC  
CTGCAGGAGATGGAAGATTTGTGTAACTGCATTGTCTCACTGTGGTTTTTCTACTCCAT  
CTGCCTCTTTCTCAAAGAGCTTGTGCTAGAGTCATCACTTCCCATTGGGCTGAGGACATG  
AAGCCTTTATTACAAATGAAAAAGTGGTGTGAATATTTTCATCTTAAGAAATATACATANC  
TTTTGAATTTTGAATCTGAATTTAATTCACCT

>SEQUENCE:123:prostate\_MPM2000-004P1Novel007-2-Table2

CTCACTTAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA  
TATCTNCAAAGGGCGCCGTTTCGAGCGGCCACCCCNNCANGTACTTNTATGTATCTGGAA  
ATGGGAAAAGAATTGTGCTCATAACACCTTCTGGATGCATATTTCTTTGGGAATATTTGG  
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>SEQUENCE:124:prostate\_MPM2000-004P1Novel007-2-Table2

GGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCC  
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TTTAAAATAGTAATCAATGCCATGTATTTGATGTATATGTTTCTAAATTAGAAATTTCTT  
TTGGCTTTGTGTTTTTTTAAATGTGCGTTAAATATGTAACTGAACCTGTTCTTAAATGC  
ATTAACTTGAATGCTGTGTCTATCCAATGCCAAAATGCTCAGAAGAAAAGTGAATAATT  
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>SEQUENCE:125:prostate\_MPM2000-004P1Novel007-2-Table2

CGACTACTATAGGGCGAATTGGGCCCTCTAGAGCATGCTCGAGCGGCCGCCAGTGTGATGG  
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TTTTTCCGTCCCCCAAACAAAGATTTGTCTGGACTGACTAAAAAAAAGGGGGCGGA  
CTCTTAATGGATTGGATAACATACATGCTTAAACAACTACCCACATTTATTTCTTCC  
TTAAACATACCTTTAATTCCCAACTCCTATTTAAAGACCGACCTGCTTGATAAGGAAGG  
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GCTAATCAATCCTTGCATA

>SEQUENCE:126:prostate\_MPM2000-004P1Novel007-2-Table2

GACTACTATAGGGCGAATTGTGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATG  
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CTTCCAATCTTCCCCTTAAGTGCTAGTGTCCAGAGGAAAAATTATTTCTTCTCTGTAGAA  
GTCATTTTGAAGACAGTATTTTTCTGAGATCCAATGTGGTTGGGAGTTCTGAAGAGGAAG  
TTATAGTTTAAAGCTAGATTATCTCATTTTATTATATTCTGTGTTTATTTTCTTTGCCG  
TGCTTAGGCCTTTGGCAAATGTTCTCTAGATGTACCTGCCCGGGCGGCCGCTCGAAAGGG  
CGAATTCCAGCACACTGGCGGCCGTTACTAGTGGATCCGAGCTCGGTACCAAGCTTGGCG  
TAATCATGGTCATAGCTGTTTCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAAC  
ATACGAGCCGGAAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTAACTACA  
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>SEQUENCE:127:prostate\_MPM2000-004P1Novel007-2-Table2

CTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA  
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CTGAACCTGTTCTTAAATGCATTAACTTGAATGCTGTGTCTATCCAATGCCAAAATGC  
TCAGAAGAAAAGTGAATAATTCAGTCATTCATCTGGATGTAGTTTTCTGTGTAATCTCAA  
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GCATCATAGTGCT

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>SEQUENCE:128:prostate\_MPM2000-004P1Novel007-2-Table2

AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGC  
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CTATAGATTGAACTAAATTGTAAATGTCCCAAATACTTTTCCCGATGAAATTCAAACAA  
AATTAGACTTTTATACACACAAAGCAAAACAAAACACAACCTATATATAATTTCAAGATT  
AAGAAAAACAAAACAAATAAAAGCATTCTCTCAAGACCTTGCTTCAGTTGTGTAAAATAA  
TTAAATGTGCTATTCCAAGTTGATTTTAGTTTTTAAATACAGAATTTGATAAAAGATAAG  
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>SEQUENCE:129:prostate\_MPM2000-004P1Novel007-2-Table2

ATACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTG  
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GATAACATAGGCAAACCATCTACTTCCCAGTCTTCTTTCTAGATTTATTCCTTTCCAGAG  
CATGGATGCCATATTGAAATACAAATGCCAATCATCAGCATGGTGAAGGGGAGAGAGCGG  
GTAAACGCTGCCAATCTTTTTGCTGGTAACACTTCTCCACACTAAGGCAGGAGCTATACA  
GTGGCTTCTGAGGGTTCAAGAAGAACCAGATGTTGAGGGCCAAAGTTGCTAGGGTGACAG  
GTGGAATATTGTTGATCCCAACATGGAAGATTTGAGAAAGGAGTAGAATAAGTCCAGTAT  
TTATCCCTCTTGATCTCCGTTGCATGGCCAGATATCAGGGAAACAGCTCAGCAATGGGAA  
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>SEQUENCE:130:prostate\_MPM2000-004P1Novel007-2-Table2

CACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGAT  
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CTTGATTCCTGGTGAACACGGTTAAATTCATGCACATTTGTTCTTGTAAGTTTCTTAAAAA  
TTAGAATCCAAATTTATTTTGTGTTAGCCAAGCAAAATTGGAAAATTTCCATTTTATTATG  
ACTTAATGTAAATTTTTTTGCTCTTGCTTATTAAGTAATACCGAACCTGGTAAATTCTGT  
AAATTTTAAAAATTTTAGTATTCTTTTACAATTCAAATT

>SEQUENCE:131:prostate\_MPM2000-004P1Novel007-2-Table2

ACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA  
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CAAATTCTGCCCTGCTGTGGGATGCTGCCAGTGGCTCGTTGCTCCAGGACCTACAGACCG  
ATCAGCCTGTGTTGGACATCTGCCCATTTGAGGTGAACCGTAACAGCTACTTGGCTACCT  
TAACAGAGAAGATGGTCCACATCTATAAGTGGGAGTGAAGTGTGGTCTCGAAACCTTGAAG  
GCATGCTGCTGGTAAGATGTTGTTTGTAGCGCCTAGCAGCCCCAAGCAAGATCCCTGTT  
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>SEQUENCE:132:prostate\_MPM2000-004P1Novel007-2-Table2

ACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGG  
ATATCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACCCGAAAAGGAAGGAA  
GCTTTAGTAATGAAAGGATTGCTGCCGAAATCCTGTTTCCCCCTTGCAGATCTTACAGAA  
AACAGCCACAGAATCCCAAGGCATCAGCACCAAGGGAGCCTGTAGAACTATCTGGTCTA  
AGCTCCTGAAGCCCAGAGATAAGAATGACTTAACCCAAGCTGCACAGCCTCTTAACAGTC  
CACTGTTAACCCCAGAAACAGATGCATTTGAATCTGAAAGGAGACAGGAATCCTAATCCT  
ACTGCTCAGGGACTTGCTGATTTACTTTGCTGTCTATTAGCCTTTCTGTGACATGATTTT  
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>SEQUENCE:133:prostate\_MPM2000-004P1Novel007-2-Table2

CGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA  
TGATATCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACCTACCACTGTT  
GGACCAGTGGAGAGCAGTGGATTGAGATCTCGCTACCGTTCTTACCTACCGTCTACAAC  
TCACCTACTGACAAAGAAGACTACATGACCGACCTACGAACCTTTGGATACTTTTCTCGGA  
AGTGAAGAGGAGAAACAGCATAGGGTTAAGCTGGGGAGCCCAGATTCTACCTCTCCTTCC  
AGCAGTCTACTTTCTGGAACATAGTCGTTCTATGGGGGATTATGCACAACTTTAAAG  
AAGTTTCAGTATCAGCTTGCTGAAAGACTAAGGCCCCATGTGCTAACAAAGATGAC

>SEQUENCE:134:prostate\_MPM2000-004P1Novel007-2-Table2

TGCTGCTCAAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTTTCGAGCGGCC  
GCCCGGGCAGGTACCGGAAGGAACGAAGAAGAGGGATTTCTCAAGGTGAGAAGCAGTTCT  
CCATGGACACTGATGGCAGCACAGGCAAAGTTTCTATGACTAGGGATCACTGTCCACAC

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AGAGTCTGGCTTCCCAGGTATCCAGCAGGTAGACAAAACAGCTAACTCCACTGCCACTCC  
TTTCTCCACATCCGTTCTTCTATTTCTCAGCCATCTCAGTGACATCCGCCATCTTGAGAGTC  
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TTNTTAAGTGGCCAAATAGC

>SEQUENCE:135:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
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ATGGTCTTCTGCAATTGTGAAGGTTGTTCTCATCAACCAAGCCTGCAATGACTAGACATT  
CTAAAGAGAAGAGTGATGGCAATGGAAAGAGGACACATCCACTTGCCAGGTCACCTTCTAT  
CAGTTGATGACATGCCATATGTTATGGCTAGGTCAGCTTTCCACAAGTATGCACATGCAA  
AATAGAACTTGGGAAAAAAATCTTTGATTTGGCCCTCTACCAAGTGGATCAGTGTGTGAG  
AGTTCAGTTGAGCAAAGGTCAGAGTTTAAGTTGAATCTCCAGTCACTCTTTTGAAGATAT  
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>SEQUENCE:136:prostate\_MPM2000-004P1Novel007-2-Table2

ATAATTTGCCATGTCTTCTAATAAGAGTGAAAAAGTGAAAATGAATCTGTATGCAACATT  
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GTGCAAGAAGAAGAACAGTTGATGGAAAAAAACCTTATAACAAAAAAGGAGGTTCTTG  
CCCGGCCGCCGCTCGAAAGGGCGAATTCGAAGCACACTGGCGGCCGTTACTAGTGGATCC  
GAGCTCGGTACCAAGCTTGGCGTAAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTT  
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>SEQUENCE:137:prostate\_MPM2000-004P1Novel007-2-Table2

GAATACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGT  
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TCTAACCCTCTCAGAACTGAAACAATGTCTTTGCTCTTAAAAGAGAAGAGACTTCAGA  
TGTAATCAAGAAAACATTGTGTAACCTTGCCCTAAGCTCTTCAGAGCCAATTTTACTATG  
GCAGGATATTCTTCTGATAAGGTGATTAATGAAGTTTTTGGTGCTCACTTTTCTCTCA  
TAGTCTATAAGCTCAGTATACCAAAAAAAAAAAAAAAAAAATTAGATAAAATAAAACAAAACCC  
CCAATAGGTCTTGAAAATAATATAAATATTTTGTGGAGTCCCAGTCACATAATACTCCAC  
T

>SEQUENCE:138:prostate\_MPM2000-004P1Novel007-2-Table2

ACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGAT  
GGATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGGCGAGGTACGGTTTGACTGCTGGG  
GTGTAGGGGAATGCCGAGTTTTTGGGTGGTGGAGTTGCAGGAGGTGATGGCCTGTGCCTTT  
GNCTTGGAGGACTTGCTGAAGGAGATAACCTACGAGTTTTCCGAGGGGGGGCTGGATGTCC  
TCTTGGGAGGCTTCTTTGGTGGTGACCGTGAACGAGATGAAGAGGATGATGAGCTACTCC  
CAGACAAGGATGCTGACGAACGTCTTCTTCTGCTTACTGGAGATCTACTCCTTCTATGCC  
TTG

>SEQUENCE:139:prostate\_MPM2000-004P1Novel007-2-Table2

GACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATG  
GATATCTGCAGAATTCGCCCTTAGCGTGGTCGTCGGCCGAGGTACCTACTTGAAGGACTTC  
ATAAGCAAATTACGATTTAATTTACAAGAACACTATGTACACAGTATACACACAGGTTTT  
TTATATTTGTTGTCTTTTCCGTGATTATCTCTTACAGTGTTGTATATTTAATATATTCAT  
TTTATTTTAATTTTATGTAGGTTCTCATTCTTCATATGTGTATTACATTTCCCTGGAA  
CTATCACGTATTTTATATACTTAGCAATGGAAAGCTCCTGGTTTCAGTTGTCTGTGCAGC  
AGGCAGGGGGAGGAGAAGAAAATGGGTCACACTCCTGACCCTGCCTGCATAGCCACAGGT  
TCCCAAAGCAGAGGTCCC

>SEQUENCE:140:prostate\_MPM2000-004P1Novel007-2-Table2

CTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA  
TATCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACTTTTCGCTCAGCTGTT  
TTCATCACTGTGTTTCAGAGGTTTGTCTTTTTTTTTTCCCCTAAAAGGTGCTGAGATGTTAT  
GAGTGCTTTATGTGGGGGTACTGGGATAAGTTTTTGAATGTCACTGTGTTATAAACTGCA  
TGATTATCGATTTTGGAAATTTTGTTTTTTTTAAATGATTAATTTAAATAAAATGGAGAA  
TTTTGATCCATAAGAAAAGCAGGACTGAAATCTCCAGGGATGGGAGCCTTTGGGTTCAC  
TTGTTTCAGTGTTGTTTCTTTGTAGACTTCTACTTTCTTGTAATAATGTTTTGGACTAAT  
ATTCACA



Table 7  
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&gt;SEQUENCE:141:prostate\_MPM2000-004P1Novel007-2-Table2

GGCCGCCAGGGTGATGGATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTAC  
CATTCTTATCTCAGAATGCTGTAAACCATCAGTAGAAGCAGTTTAGATTGGACTGCATG  
GTAAAATGAAAAGTAATAACCCTCCAACCACAACCTAGTCAGGGTATTAATAATTATATG  
TAGCAAGAAAACAAAGAAGAAAATAATATTGAAAAAATGGAGATTCCCCAACCAAGTTTCA  
TATTTGAAGGATCTGAGTTGTATTTTTATTAAGGAAATTTTTTTCTGAATACTGCTCTT  
CCAAAATGTTTAACATTAAAAATCTGAATTCAGAGGACTTCTGAATTGGAAAAAGAAGTT  
TTGATCACTTGA

&gt;SEQUENCE:142:prostate\_MPM2000-004P1Novel007-2-Table2

ACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGG  
ATATCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACCAGGAGGGTATTGAT  
GTTTGAGGTCCAAACTGAAAACCCATCACCTCCTTCCCACTGCTATAGCAGCGTTAGCCC  
CTGGGTTCATTATCTAGCCAGGTACACCCCTTTAAAAGGGGGGGCTCTGAAAATGTCTTAC  
CTCCCTCACAGGCAAAGCAATTTTAAAGCCTCCTGAGATCACCCACCAACCAAGCAACT  
GCTGTCACCTGGAGGTGCAGCTGAATTCTTCTAATTGTGACACAACTCTTGAAACTGTA  
AATGCTGAAAGATTAAATGAGGTTATAACACTCAGAAGGTTTTACAAGTAAAAG

&gt;SEQUENCE:143:prostate\_MPM2000-004P1Novel007-2-Table2

CTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA  
TATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACAGTGAAAAGAGCCAAGGC  
TGTGTGACCCCTCATCACTTAGCCAGGCGTATGGTCCTGGTTTCTGAGGCTGCCAGAAA  
GCATCTTAACAATTTGTGTTTGGATGGTCCATGCCTGACTATTCTAGGCTGGAGGTTCTT  
AAAGAGTAACAAGAGGAAGAGAAACAAGAATCTCTGACACTTGTTGAGAATAGAGCGCAG  
TCCCATTTGTTTAAAAGAGACACCAGGCAGCCATGTTTATGTGCCAGAAATGCATTCCA  
CCTCAAGGAGGACTTAATTTATGGACCCGTGTGTGCCAGGCTGAGCTGGGCAAGA

&gt;SEQUENCE:144:prostate\_MPM2000-004P1Novel007-2-Table2

CGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGAT  
GGATATCTGCAGAATTCGCCCTTCTATCGGAATAGGGCGAATTCCAGCACACTGGCGGCC  
GTTACTAGTGGATCCGAGCTCGGTACCAAGCTTGGCGTAATCATGGTCATAGCTGTTTCC  
CGGGTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAGCCGGAAGCATAAAGTG  
TAAAGCCTGGGGTGCCTAATGAGTGAGCTAACTCACATTAATTGCGTTGCGCTCACTGCC  
CGCTTTCCAGTCGGGAAACCTGTCGTGCCAGCTGCATTAATGAATCGGCCAACGCGCGGG  
GAGAGGCCGTTTGCCTATTGGGCGCTCTTCCGCTTGCTCGCTCACTGACTCGCT

&gt;SEQUENCE:145:prostate\_MPM2000-004P1Novel007-2-Table2

CTCACTATGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA  
TATCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACTCGGGACATCAATGCA  
GAGTCCCTCTGTGAATTTACAACACCCAACACCCATGAGTTCAGTCCTTAAGAAGGAAAA  
TTGAGCAAGTATTTAATTGGATGGACATTGCATAAAAGAGGTCCAATATCCAGGCTAACT  
CTAGAAATTTTATTCTTCAAACCTTAGTATGGGCCTCTTTTTCTTACTGTCAGAGGAACCA  
ATTCTTTTAGTGGCACCTGG

&gt;SEQUENCE:146:prostate\_MPM2000-004P1Novel007-2-Table2

CGACTCACTTAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGAT  
GGATATCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACTCGGGACATCAATGCA  
AACTTTTTCCCCCTGAGAAGTGATTTTAAGATCTATCAGTCTCAATTTAAATGATCTGTT  
AATCAGCCAGAGTTTTAGTTTCATAATATCGTTCCATTGCCTGACAAAGATATACACACT  
GAAGTGCCTTTAGCAGACCTGGGACCGTCAAGAATCTTGTTACCCTGATTATTGCAAGAT  
GACATATTTCTTAAGCCATTTATAATCCCATATTCGGGTTGAATCTGAATTTACAAATAA  
AAGGGTTAAATTGAGGCAGTTTCAAGCAGCATTTAGGAAAATGAAGTGGCTTCAAATTTT

&gt;SEQUENCE:147:prostate\_MPM2000-004P1Novel007-2-Table2

ACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA  
TGGATATCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACCTCTCTTTCTTG  
TTGGAAATGTTGAAGTATTGAAATACTTCTTTTCTGTAGAAGGTGGTTCTCCCTTCTACC  
CAGGAATAATTTTGTGGCAAGTCATTGAGTCAGCAGTTATTTTGACCCTAACTGAAAGAG  
ATAAAGTTCCTAAGAATTTATTATATATGTTTCTTGCCACTGAGTGAGCAAGAAAAATAC  
ACACCCATCAGTGCTGACTGGTTGGTAATTTCTGAAACACAATGCCACATCTCTTCATGA  
ATAACACAGTAACAGAATTACAGAGATTTTGGAAGAGATCAATCTCTAGATGGATGAGTT  
AGTCTATAACAAATAGC

Table 7  
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>SEQUENCE:148:prostate\_MPM2000-004P1Novel007-2-Table2

GACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGAT  
GGATATCTGCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACATAACCGTGTAAT  
CTGTAAGATAGTATGACATTTCTGCCTTTCTGCAAATTACTGAATCAAAGTTTGAAGTA  
GTGCGTTCTTTAATGGATTTTATTTATAAAATCATCTTTACTGTAATCCCAGCACTTTGG  
GAGGCCAGGGTGGGTGGATCACCTGAGGTCAGGAGTTCAGGACCAGCCTGGCCAACATGG  
TGAAGCCTGTCTCTACTAAAAATATAAAAATTAGCCAGATGTGGTGGGTGGGTGCCCTGT  
AATCC

>SEQUENCE:149:prostate\_MPM2000-004P1Novel007-2-Table2

TACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGAT  
ATCTGCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACAAGGACACTAAGACAGT  
GTAGCCTGCTGACTTGAGAATGTTCTGTAAGGACTGAAACACTAGAATCTTGAAAAACG  
CCTGGCTAGAGGTGAGGGTAAGCTGTTAATTACACTGATTACAGTTTGTGCCTCTCAGAC  
TGAGAACTCTTTTCTTCTTGCTGGGGGCATTGCTATCTCTAGGATGTTTGCCCTGAAGTC  
CTGATAGTCTCTTTGGGGTTTTAATAAATGGCTGAAAAAATTGTTGTGGGGTTTCAACAG  
GCGTTCATAGGCACCCTTGCTTGGAATATAACATGGCTTTTGATGTTTGGGTGTTGGAA  
GGGATCTTTGAAGTGCTGAGAGGGACTCAGTCTTTTTCCAAAATCTC

>SEQUENCE:150:prostate\_MPM2000-004P1Novel007-2-Table2

CCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTT  
TCGAGCGGCCGCCCGGGCAGGTGCTGTAACTTCCGGGAAATGCAGGTCTTCAGTGGAT  
TCCTGTTAGAGACATAAAAATGTAGAGAGAAGACTTTCAGTTAAAGCCTCCTCCCTTCA  
GCAAAGTATATTCTGATTCCATTATCGTGTTAGGCTCCTATATAGTTATAAGTAATCCCA  
TGCGGTTTTAGAATTCTTAAATATTCACACACATAGTCATCTGAAAATGAATAAATCCAT  
GAATGACTAAACAAAATTTATTCCTATATCNATTTCAATATCCTTAAATTATGCTTACAT  
CCTTAAATCGGTTGCCTCATTCTGAAAGCACATAGTCTGTAACCTCGTAAAAAACACCTGT  
CGGCCGGGCACGGTGGCTCACGCTGTAATCCCAGCACTTTGGGAGGCCGAGGTGGGCG  
T

ATCACCTAAGGTCGGGAGTTTGAGACCAGCCTGACCACCATGGAG

>SEQUENCE:151:prostate\_MPM2000-004P1Novel007-2-Table2

CTATAGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATC  
TGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACTTTTTTTTTTTTTTTTTTTTTT  
TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTAAAAAATTATCCTTATTNTTGTTTG  
AAAAAAAATGGTAAATGGGGCTTTTGGGGATTGTAAAGAGACCAAATCCCATATTCTAGG  
GCGAATTCTCCGACTTTTCCTTGGGTAAACCTTTACCGGG

>SEQUENCE:152:prostate\_MPM2000-004P1Novel007-2-Table2

ACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATA  
TCTGCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACTTCTATGATATAGTTGTC  
AAAATCAACTGGAGGATAATAAAATATTGTGGGTCTCAGCATTCTTAGAATCCAAATTA  
CAACCATATCAGTAGGGGTTTGATCCACATGAGCCAACTGAAGTCATTTTCCTCAAGGT  
GGAATTTGTGCCAACCTAAATACGTTGTTTCTTTGATGGTGTGTTATTGCTATTGGTATTA  
TTTTGAACTAATAACAATTATTTGTCTAAATAATGCTAAGACAATTCTGTTAAGAATTT  
TGTCAGCTAACATAATTCATTAAGTATGTTTGGCATCATATGGACAAAATATTTGGATGA  
ATGACTAAATTTCTGACACA

>SEQUENCE:153:prostate\_MPM2000-004P1Novel007-2-Table2

CACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATG  
GATATCTGCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACGATCTTGGCTCACT  
GCAACCTCTCCCTCCCGGGTTCAAGTGATTCTCGTGCCTCAGCCTCTTGGGTAGCTGGGA  
TTACAGGCGCGTGCCACTGCGTTCCGGCTAATTTTGGTATTTTGTAGTAGAGATGGGGTTT  
CACCATGTTGGCCAGGCTGATCTCAAACCTCCTGACCTCATGTGGTCCACCCACCTTGGCC  
TCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCGCGCTCAGCCTACAAGCAATTTTTTA  
AAAACCTGACACCTATTACTGATAAAATTCTCTGTTTAAATCCTATTTACTATTTTAAAG  
ATAAGTATTAGTTTTTTTTTTTAAA

>SEQUENCE:154:prostate\_MPM2000-004P1Novel007-2-Table2

TACACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA  
TGGATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACGCGGGGATTCTCAA  
TCCTACCCATGATGCAGACAGATTGCCTCATTTCAGCTCAATAAAACATCACCAAATTCC

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CTTAGGCAGAAAAAGGGTGGGGAGTGCCCTTTCTTGAAGGAATCCCTTAAGTGACGTCT  
CCCGTTTTCTTTTCACATCAATGCAGAGTCCCTCTGTGAATTTACAACACCCAACACCCA  
TGAGTTCAGTCCTTAAGAAGGAAAATTGAGCCAAGTATTTTAATTG

>SEQUENCE:155:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTCATATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
ATGGATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACAAGAACTATGCAG  
AGTCATGTTTGATGCTTTGGAACAGAAATGGAAGCAAACAGAACAGGCTGATCTTATAAA  
TGAGCTATATCAAGGCAAGCTGAAGGACTACGTGAGATGTCTGGAATGTGGTTATGAGGG  
CTGGCGAATCGACACATATCTTGATATTCCATTGGTCATCCGACCTTATGGGTCCAGCCA  
AGCATTGCTAGTGTGGAAGAAGCATTGCATGCATTTATTCAGCCAGAGATTCTGGATGG  
CCCAAATCAGTATTTTTG

>SEQUENCE:156:prostate\_MPM2000-004P1Novel007-2-Table2

GGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCA  
GAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACAAAAATTAGCTGGGCATAGTGGCACA  
TGCCTGTAGTCCCAGCTACTCGGGAGGCTGATGAACAAGAATCACTTGAACCTGGGAGGA  
GGAGGGTGCAGTTAAGTTGAAATCGTGCAACTGCACTCCAGCCTGAGCGACAGAGCAAGA  
CTGTTTCAAAAAAATATAAAAGATACAAATAATTCAAAGGAAAAC

>SEQUENCE:157:prostate\_MPM2000-004P1Novel007-2-Table2

CTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATAT  
CTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACCAACAATGATTTGGCTTTTAT  
ATTACTGTAAGATGTTATAATGTTAATGTGGATGTAGTGCTTTTACTTTACAGATTGATT  
GGAATAAGATTATTGCATATGAATTTACCCACAGGACTCTGAATCATGTTACCCACTCCC  
CTCACAATGTTGTCCACTTTAGTGAGTTGCATTGATCTATCCGTACCTGCCCCGGGCGGCC  
GCTCGAAAGGGCGAATTCCAGCACACTGGCGGCCGTTACTAGTGGATCCGAGCTCGGTAC  
CAAACCTTGGCGTAATCATGGTCATAGCT

>SEQUENCE:158:prostate\_MPM2000-004P1Novel007-2-Table2

GACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATG  
GATATCTGCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACCATTCTTATCTCAG  
AATGCTGTAAACCATCAGTAGAAGCAGTTTAGATTTGGAAGTGCATGGTAAATGAAAAGTA  
ATAACCCTCCAACCACACCTAGTCAGGGTATTAATAATTATATGTAGCAAGAAAACAAA  
GAAGAAAATAATATTGAAAAAATGGAGATTCCCCAACAGTTTCATATTTGAAGGATCTG  
AGTTGTATTTTTATTAAGGAAATTTTTTTTCTGAATACTGTCTTCCAAAATGTTAACATT  
AAAATCTGAATCAGAGGACTCTGAATGGAAAAGAAGTTTGATCACTGACACCTAGGGCTC  
TGAAGCGTGTGTGGCCACATGGAAAAGT

>SEQUENCE:159:prostate\_MPM2000-004P1Novel007-2-Table2

CTGACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGG  
ATATCTGCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACCCAGCAGGGAAATCA  
CTTTGGGAAGTAGATTGGCTGTTTGAGCCACACAACCTTAGATCACATTCACTGTCAGAG  
AGACTGTCTACAAACCTGGAGGAAAACATTAAGATAGTTCCTCTTCTCCTAGCAGCATGT  
GAAATAAATAAATAAATAAAAGGTTAGAAATATTTTCTTTGAATCACAATTAAACA  
TATGACTTATTCTAGTTTGGAGAAACA

>SEQUENCE:160:prostate\_MPM2000-004P1Novel007-2-Table2

CTACTATAGGGCGAATTGGTCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA  
TATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACTTTGATCTTGGACTTGCA  
GCCTCCAGAACTGTGAGGCTTGTCCATTTAATGAGAAGCTTATGCGGCATGGAAGTGA  
TTCACCCCCAACCAACAGCTGGTGAGGAATGGAGCTCTTCGTTCAATGACTCATAATGAG  
CTTTGAGACAACCAAAGCCCCCTAGCTAACCTGTGCCTGGATTCTTGGCCCAACAAGACA  
GTGAGAGAGGGACCCAACTCAGCCCATGAAGCCACTGAAATACAGGAAAGAGCATCTTCA  
TTGAAGCCACTGGAGCATGGGAAAGAGCACCACCAGCTCCCTGCTCGCTAGCTGTGAACC  
TCAGGATGGAATAGAAG

>SEQUENCE:161:prostate\_MPM2000-004P1Novel007-2-Table2

AGTGTGATGGATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACTCTACGG  
TGTCATAAATTATTTCACTCTCTGCTGCAATTAGTGCTAATTACAATACCTGAGCTATAA  
AAATAAAAGATTTTCAATTATAGCAAAGTTCACAAATATCGTTTTAGTTTCACTTATCCACAT  
TGTTTCATCTAAAATAATACATTTTCTTTACATATAACTGTCTTAGACTTGTAATTGAGGA  
TATTTGATGAAACAGATCTGTATCTGAAACAGCACTATGATGCTAAACATCTGCATAAGG





Table 7  
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GCGGACCGCTAAAG

&gt;SEQUENCE:169:prostate\_MPM2000-004P1Novel007-2-Table2

ACTCACTTAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGG  
ATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACAGTGAAAAGAGCCAAGG  
CTGTGTGACCCCCTCATCGCTTAGCCAGGCGTATGGTCCTGGTTTCTGAGGCTGCCAGAA  
AGCATCTTAGCAATTTGTGTTTGGATGGTCCATGCCTGACTATTCTAGGCTGGAGGTTCC  
TAAAGAGTAACAAGAGGAAGAGAAACGAGAATCTCTGACACTTGTTGAGAATAGAGCACA  
GTCCCATTTTGTGTTGAAAAGAGACACCAGGCAGCCATGTTTATGTGCCAGAAATGCATTC  
CACCTCAAGGAGGACTTAATTTATGGACCCGAGTGTGCCAGGCTGAGCTGGGCAAGATCT  
TT

&gt;SEQUENCE:170:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTCATATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
ATGGATATCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACAGTGAAAAGAG  
CCAAGGCTGTGTGACCCCCTCATCACTTAGCCAGGCGTATGGTCCTGGTTTCTGAGGCTG  
CCAGAAAGCATCTTAGCAATTTGTGTTTGGATGGTCCATGCCTGACTATTCTAGGCTGGA  
GGTTCCTAAAGAGTAACAAGAGGAAGAGAAACAAGAACTCTCTGACACTTGTTGAGAATAG  
AGCGCAGTCCCATTGTTTGAAGAGAGACACCAGGCAGCCATGTTTATGTGCCAGAAAT

&gt;SEQUENCE:171:prostate\_MPM2000-004P1Novel007-2-Table2

AGCCTTATAATGTAGAACTATTTAACTCTCTTTTGTCTCATCTTTAATACCTCTTTTCAT  
TGAGAACTTTAGACAACTCCGGGTTGAACTGAGTAAAAATCACTAAATTTAAAAATA  
AAAGTTTAATTTAGAGTGGCAAGTGTCTCATTTTAAAGAAATGAATACTTGTAAGTGAA  
CTTCAGGAAACATATATTTTATAAAAAAACACCTGAATGAAATTATCTACTATTAATAAA  
CATTATCGATGCAAT

&gt;SEQUENCE:172:prostate\_MPM2000-004P1Novel007-2-Table2

CTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA  
TATCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACCACCTTGATGACTTCT  
GTATTCACCACTAAAACTGAAATAGAACATACTATACAGCTTCAAGTTTGTCACTTT  
TTAATAAACTTTTCCACAAATGATTATAATTACTTGCCCTTTGAAGCTATTGGATAGA  
TCTGAAAGTGAGGTAGGGTNGGGGATGGTCATTAGATCAGTTATAGTTATTTGTTTCAGGC  
TTCGA

&gt;SEQUENCE:173:prostate\_MPM2000-004P1Novel007-2-Table2

GACTCACTTAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATG  
GATATCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACTCCAGCCTGGGCAA  
CACAGCGAGACTCTGTCTAAAAAAGTGTCTCAAAAGCAACCGTATAACAGAGA  
CATACTGAACATAGGATTTCTGCCATTCTTGTCTGCCTATAAGGATAGACAACTATCTC  
AGATAAGTAACTGAGATATTTATTCAACGGTATTCTCATCCAGCATAAAATACTTTTTTC  
AATGTAGTAACAACTTACCATCTTTACTTTAAGTGTTCTGTTATTTTGTATTGCAAT  
CAGAGCAATAGTAAATTGAGTGAGAAAGTTCTGAGTTTACAGAACTAGAAGGTGTAGG  
AATTTTCTTAAGAAATCCTGTTCTCATAGCAAACCATCCCGTTTCTTGATGAAGGAGTTC  
AGATAAGTATATGAAGTTTGGAGTGTTTATTACGACTCTCAGACCTTTTGAAATTTACCC  
ATCACAAATACCTTCTGTTTTATGTGTGCAGTTAATATAGATNTAAATATATACTTGCC  
TTCTGAATTTTATTATAGATATACAGA

&gt;SEQUENCE:174:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT  
GATGGATATCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTGCGCGGGGTTGA  
AGAGTGTGTATAGGAAAGGTCTAGAAATAAATAGGCTTGTGCATACCTAGGCATTCATGC  
TCTTTCTTCTCTTCAGAGATCATCAGAAAAGAGGTGGGAATACACAAGCAGGTGCATGT  
AAGCCCAAAAGCTAGAAAGCCTTATATTTAACCAGGTTGATGTGTTTATTCCAGTTAT  
TCACTTACAGATGAACTAAAACAAATAAAGGCAAGCTATTATCAGTTTGGTAGTTTCATT  
ATTTTAGAACAAATTTCTC

&gt;SEQUENCE:175:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
ATGGATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAAGTACCCTTGGTGGCCAA  
TTGATTTGATGGTAAGGGAGGAATCGTTGACCTCGTCTGTTATGTAAAGGATGC

&gt;SEQUENCE:176:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTCATATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG

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ATGGATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACTCTACGGTGTCAA  
TAATTATTTTCAGTCTCTGCTGCAATTAGTGCTAATTACAATACCTGAGCTATAAAAATAA  
AAGATTTTCATTATAGCAAAGTTCACAAATATCGTTTTAGTTTCAGTTATCCACATTGTTCA  
TCTAAAATAATACATTTTCTTTGCATATAACTGTCTTAGACTTGTAATTGAGGATATTTG  
ATGAAACAGATCTGTATCTGAAACAGCACTATGATGCTAAACATTTGCATAAGG  
>SEQUENCE:177:prostate\_MPM2000-004P1Novel007-2-Table2  
AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGC  
AGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACTCTAAAATCCTTTCCAGCTGCTA  
TTGAACATACCATAACAGTGGGCAAGAGATAAGTTTGAAAGTCCCTTTTCCCACAAACCTT  
CATTGTTTAACAAATTTTGGCAAACCTATTCATCTGCAGAAGGAGTCTTACAGAAGATAC  
AGAGTGGACACAGTTTAGAAGGCTGTTTTCAAGTTATAAAGTTACTTAGCAGAAGACCTA  
GAAATTGGTCCCAGTGTGTAGAATTTAGCAAGATTAAAGTTTGAAAAAATATTTTA  
>SEQUENCE:178:prostate\_MPM2000-004P1Novel007-2-Table2  
ACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGG  
ATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACCTAATCTTTCTGGCCTG  
AAGTTTATGTAGAGGTTGTTCCGCTATCGTCTAGTATTTAATGTGGCAGAGATTGGACAC  
TACAGGAAAAAATTCTGGATATTTACATGCTTTGTATTGAGACAGAAACTAATCACGG  
TGAATTGAGGATTGAGTTTCCATTTCTTACTGAAATGGGGTAAACATTGCCAGTTTGCAT  
CCTTGCTTTTATCTCTCAATTTCTGCAAAGTTTAACTAT  
>SEQUENCE:179:prostate\_MPM2000-004P1Novel007-2-Table2  
ACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATA  
TCTGCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACTTCTATGATATAGTTGTC  
AAAATCAACTGGAGGATAATAAAATATTGTGGGTTCTCAGCATTCTTAGAATCCAAATTA  
CAACCATATCAGTAAGGGTTTGGTCCACATGAGCCAAGTGAAGTCATTTTCTCAAGGTT  
GGAATTTGTGCCAACCTAAATATGTTGTTTCTTTGATGGTGTTTATTGCTATTGGTATTA  
TTTTGGACTAATAACAATTATTTGTCTAAATAATGCTAAGACAATTCTGTTAAGAATTT  
TGTCAGCTAACATAATTCATTAAG  
>SEQUENCE:181:prostate\_MPM2000-004P1Novel007-2-Table2  
GGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCA  
GAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACTTCTATGATATAGTTGTC  
CTTTTGCTCCCTTTTATATAAAAGTAGAAAATCCCAATGATCTGATGTAGTATAGCTGAG  
CATGCCCATTTCTCATTCCCAATATCCACACTGTGTTTCTAACATATGTGTGTGCCCCACC  
CACCTCTGGGACCTTTTTGCTCGACTTTTTCTTTGGCTTCCACTTCAGTCAGGGAGAAT  
AGGGATAGGAAAAGAAAGAAATAAGGTCCTGGAAAAGCCAGTTCCTTGGGACTCCCTAAT  
TCCTTGAAATTCTACTTGTCTCCATCTTTCCAAATAGGAAGGGTCCCTGAGCCCTT  
>SEQUENCE:182:prostate\_MPM2000-004P1Novel007-2-Table2  
TACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT  
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AGTATAAAATTATTGGACAAGTGAAATCGTATCAGTAGTTCCTGACTGACAGCTTCTGGA  
GCCACACTAGAGCAGTGATTCTCAGTCTAACATTAGGTTATCATGATGACGTATGAGTAA  
ATTCTTAATGGTTAAATGTGAGACAGTTCACATTTATTCCCATAGAAATGTCATTCTCAT  
TTGAATTCAGAGATACTTCTTTGCTGGAAGTATGAATTATAGCTTTACACCAAGGAGTGA  
CACGTAGACTAATCTGGCAAGCC  
>SEQUENCE:183:prostate\_MPM2000-004P1Novel007-2-Table2  
AGGGCGAATTGGGCCCTCTAGATGCCTGCCTCAACCGGCCGCCAGTGTGATGGATATCTG  
CAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACAATCACTTTTCCATGGTCACCCTC  
TTTTCTGCTTTATACTAATTGCCCTGTTGAGGTGTTTCCATGTCAAATGCAGCTCTTGTC  
GGAAGTGAATGGCAGTGCCAAGGGAGCTGTGCAAGTATAATCAAAGCCGGAAGATTTC  
CTCCATCCACCCGCAACCCCAAGGCTTAAGCACTCCCTTAGGAACCAAAGCTGACTCTTT  
GGGAAAGTTTTACAGCGCTTATTAGGTTTACAACCC  
>SEQUENCE:184:prostate\_MPM2000-004P1Novel007-2-Table2  
ATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTC  
GCCCTTAGTGTGGTCGCGGCCGAGGTACATTATACAATAAGGCAAGAACTAAAAACCCA  
TACAAATATTGGCAAAGAAGCAGCAAATTACTTTGTTTATAGATTACAGTATTACACATT  
TAGAAAATATAAGAGACTTCGGCAGAAAACAATGTAGTTTACCTCAGGAAAACACTAATA  
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TAAAAATATTTAGTATCACAAAAATATTAATGCTTCCACAATTGTCTAAAAAACTCCTCC  
AATACAAATCACAATTGCAATACTTAGTTGGGGGAATTGGGGAAGTAAAAAATTAGTTTT  
T

>SEQUENCE:185:prostate\_MPM2000-004P1Novel007-2-Table2

GACTCACTATAGGGCGAATTGCGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGAT  
GGATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACTTTAAGAAAATTTTA  
ATGTCATAAATAGGCAACAAATATTAAGCAGAGAAATAAGATTAAAATTAGTGAAAGGT  
TAGGTAAAGAGAACCTAACAGCAGCAGCAGAAACAGAAAACACTACAGATACGCTACATC  
CAGATGTGGCAAGAAATTGAACATATGAAACAAAGACTGTCTCTGACACTAAAAGCACAA  
TGGTGTCTAAACAGGAGGGGAAAAAGACTAGAGATTGTGGTGAGTTCAAGAGATTTGAT  
ATAAATTGTTACATATGTTACCCAATTATCTTTATGAAATATTGTTTTACATGAATATTC  
TGTATTTTTCTCCAAGATGTTATAAATCACTAAATAAGCAATTCGAGATATAATTACAAG  
TAGAATACAATATGAAATAATACTCCTACTCTGCATTTAGACAAGCAATATAGATTAAAG  
GAATCTTTGTTTTGGAAATAAATGCCAGCAAATGAAAAC

>SEQUENCE:186:prostate\_MPM2000-004P1Novel007-2-Table2

CGGCCGCCAGTGTGATGGATTCTGCAGATTCGCCCTTAGCGTGATCGCGGCCGAGGTACT  
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>SEQUENCE:187:prostate\_MPM2000-004P1Novel007-2-Table2

ATACGACTCATATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT  
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AGACAGTGTAGCCTGCTGACTTGAGAATGTTCTGTAAGGACTGGAAACACTAGAATCTTG  
AAGAAACGCCTGGCTAGAGGTGAGGGTAAGCTGTTAATTACACTGATTACAGTTTGTGCC  
TCTCAGACTGAGAACTCTTTTCTTCTTGCTGGGGGCATTGCTATCTCTAGGATGTTTGCC  
CTGAAGTCCTGATAGTCTCTTTGGGGTTTTAATAAATGGCTGAAAAAATTGTTGTGGGGT  
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>SEQUENCE:188:prostate\_MPM2000-004P1Novel007-2-Table2

CACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATG  
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TTTGTGGACTAGGAAAGCAAGATTCAGAGATCATGTGACTTGCATGTGGCCTAGAGATAA  
AATTCAAATCTGGTTCCGTAGACTCCAGGGACATATTCACCATGCCATGGGTGGTGGCTA  
TTAAACCTTGATAAATTTGTGTTTATGGTTAACAAATGTGAAAGCTATTAAACATTGCTG  
GTTTGAATTTTTTACAGTGCAGAAATGTAAATGAAAAAGGATATTTTTCTTTGACAGGG  
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>SEQUENCE:190:prostate\_MPM2000-004P1Novel007-2-Table2

ATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGGTGATGGATATC  
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ATTAGTCACCAAAAAAATGCAGATCAAATACCACAATGACATATCACTTCACACCCACTA  
GAATAGCTATAATAAAAAAATAAGTAACAAGTATGGAAGAGGATGTGGAAAAACTGGAAC  
CCTCATGCACTACTGGTAAGGAATGGTAAAAATTCTGCAAGCCATTTTTCAAAAAAAC

>SEQUENCE:191:prostate\_MPM2000-004P1Novel007-2-Table2

ACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGG  
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GTGGGGAGTGCCCTTTCTTGAAGGAATCCCTTAAGTGCACGTCTCCCGTTTTCTTTTCAC  
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GAAGGAAAATTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATCCA  
GGCTAACTCTAGAAATTTTATTCTCAAACCTTAGTTTGGCCTCTTTTTCTTCTGTCAGAAG  
GACCATTCTTAGTTGGCACTGG

>SEQUENCE:192:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTCATATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
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GTTGGGATAGCAGTTCATTTCCATTAGGCAGACGTATAAACTAAGGAATGTTAGTCTGCA  
GTATTCATTTTAAAAATATTGACATGCCTTTCCCCTCCCCTCCATGAAGTCAGTGCCAGA  
GTGAGCCAGATTGGGAGGTTGGGGTTTTGTTTGGTTGGCTTGGTTTTTCATTAAGGGAAAA  
AACTTGCATTGGACAATCAAATCCCCTGAGTTTCATAATCTCATCAATATTTTAAGATA  
GGCGAGCAC

>SEQUENCE:193:prostate\_MPM2000-004P1Novel007-2-Table2

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TATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATC  
TGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACCTCTCTTTCTTGTTGGAAAT  
GTTGAAGTATTGAAATACTTCTTTTCTGTAGAAGGTGGTTCTCCCTTCTACCCAGGAATA  
ATTTTGTGGCAAGTCATTGAGTCAGCAGTTATTTGACCCTAACTGAAAGAGATAAAGTT  
CCTAAGAATTTATTATATATGTTTCTTGCCACTGAGTGAGCAAGAAAAATACATACCCAT  
CAGTGCTGACTGGTTGGTAATTTCTGAAACACAATGCCACAGCTCTTCATGAATAACACA  
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>SEQUENCE:194:prostate\_MPM2000-004P1Novel007-2-Table2

AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGC  
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CCCTGAGAAGTAATTTTAAGATCTATCAGTCTCAATTTAAATGATCTGTTAATCAGCCAG  
AGTTTTAGTTTCATAATATCGTTCCATTGCCTGACAGAGATATACACACTGAAGTGCCTT  
TAGCAGACCTGGGACCGTCAAGAATCTTGTTACCCTGATTATTGCAAGATGACATATTTT  
TTAAGCCATTTATAATCTCATATTCGGGTTGAATCTGAATTTACAAATAAAAGGGTTAAA  
TTGAGGCAGTTTCAAGCAGCATTTAGGAAAATGAAGTGGCTTCAAATTTTAGTGTTTCTG  
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>SEQUENCE:195:prostate\_MPM2000-004P1Novel007-2-Table2

AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGC  
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GGTGGGGAGTGCCCTTCTTGAAGGAATCCCTTAAGTGCACGTCTCCCGTTTTTCTTTTCA  
CATCAATGCAGAGTCCCTCTGTGAATTTACAACACCCCAACACCCATGAGTTCAGTCCTTA  
AGAAGGAAAATTGGGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATCC  
AGGCTAACTCTAGAAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTTCTTCTGTGAGAGG  
ACCATTCTTAGTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTG

>SEQUENCE:196:prostate\_MPM2000-004P1Novel007-2-Table2

ATACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTG  
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AAAAGATTTATTATAGCAAAGTTCACAAATATCGTTTTAGTTTCAAGTTATCCACATTGTT  
CATCTAAAATAATACATTTTCTTTACATATAACTGTCTTAGACTTGTAATTGAGGATATT  
TGATGAAACAGATCTGTATCTGAAACAGCACTATGATGCTAAACATTTGCATAAGGAATG  
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>SEQUENCE:197:prostate\_MPM2000-004P1Novel007-2-Table2

ATACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTG  
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CACATAAGAATGTTTCAAGGAATATTATTTGTA AAAACTCCAAATAAATATAACCCTAATA  
TCCAATTAGTAGAATTAATAGCAGTATATTCAAAGAATGGACTGTCATATAGCCATCAAA  
TGGACAAAATATAGTAAAATGCAACAATGTGCACAAAAATACACAGATATATATGCATAA  
AGTTTGACAGCATACAAAATAATTACATTATTTAGTGATGCATGCATAAGTGGCAGTT  
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>SEQUENCE:198:prostate\_MPM2000-004P1Novel007-2-Table2

CGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGAT  
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ATGGGAAAATTGATGTTTCAAGTGGGGATCAGTGAATTAATGGGGTCATACAAGTATAAAA  
ATTAAAAAAAAGACTTCATGCCCAATCTCATATGATGTGGAAGAACTGTTAGAGAGACC  
AACAGGGTAGTGGGTAGAGATTTCCAGAGTCTTACATTTTCTAGAGGAGGTATTTAATT  
TCTTCTCACTCATCCAGTGTTGTATTTAGGAATTTCTGGCAACAGAACTCATGGCTTTA  
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>SEQUENCE:199:prostate\_MPM2000-004P1Novel007-2-Table2

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TTTTTTTTTTGAGATGAGTCTCGCTCTGTTGCCCAAATTGGAGTGCAGTGCACAATCTC  
GGCTCACTGCAACATCCGCCTCCCGAGTTCAAGCAATTCTCCTGCCTCAGCCTCCTAAGT  
AGCTAGGATTACAGGTGCCCGCCACTATGCCTAGCTAGTATTTCTAGTTTTAGTAGAGAT

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GGGGGTTTCACCATGTTGTGCCAGGCCTGTAATCTCGAACTCCTTAACCTTCAAAGTGAT  
TCCCACCCACCTTCAGCCCTCCCAAAGTGCCTGGGTATTTAAAAAGTTATTGAGGCCAC  
TTGTGTTCCCAGCCAGCCAGTTTTTTTTTTTT

>SEQUENCE:200:prostate\_MPM2000-004P1Novel007-2-Table2

ACTGAAACAAATTTGTGTTAAAGTTCTTACCACATATATCTGGCTGATGTTTAGGCTGTT  
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GAACTGTGCTTTTAAATCCACATATTTGCATATTAGAGCTAGTTATATCACTCAGTCTAG  
AGGAGTGAATCTTCTGGGATTCTATATTCTGTGTTTCAGAAACAGAACGTACCTGCCCGG  
GCGGCCGCTCGAAAGGGCGAATTCCAGCACACTGGCGGCCGTTACTAGTGGATCCGAGCT  
CGGTACCAAGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGC  
TCACAATTCCACACAACATACGAGCCGGAAGCATAAAGTGTAAGCCTGGGGTGCCTAAT  
GAGTGAGCTAACTCACATTAATTGCGTTGCGCTCACT

>SEQUENCE:202:prostate\_MPM2000-004P1Novel007-2-Table2

ACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATA  
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CTTGTGGGAGGGTTGAGGGAAGGACTACAGTCTCCTTTTATCTTGTGTTTATCTTTAGTT  
TTAGCAAACATTCTATAAGGTATGATTTGTATCATATTCAGCCGCATGAAAAACACAAAT  
TTGCATTTTCGATTTTGTTCAAAAATTTGGGACACAAGTCGTTTATCACTTTTAACATCC  
TGAAGTTGAACTGGTGCAGCAGTAGTATCCGTTATGCTTGTGAGCCCTTATAATCCTTCC  
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>SEQUENCE:203:prostate\_MPM2000-004P1Novel007-2-Table2

TATACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGT  
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GCAAGCACACTTTTTCTGTCATTTTTTCTTTCTTTTCAAATTTGATATTGTCATTATTTT  
AAAATAGTAAGTTTTCTTTAATAGTCTTTTGGGACCTAACATACCCTTTCTCATACAATT  
CCTAATGCTCTGTTTATGGCAGATAATCTGTAATGTTATGAAGACCTATCAAAAAGTTTT  
AAAAGTATTTCTGTCTTCAAAGGTAGTAAGACAGGATTAATTTTTATTAGAATAGACAA  
ATCAGTGAATGGTATGCATGTATCTAGTGGTTACTAGAACTCAGGATCACACAATATAAT  
AGCATCACGATCTGTGTATATTTTTGATCAAGATGATAATAAT

>SEQUENCE:204:prostate\_MPM2000-004P1Novel007-2-Table2

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TTTTTTTTGAGTAGGAATTTTGCTCTTGTTGCCAGGCTGGAGTGCAATGGCGCTATCTC  
AGCTTACTGCAACCTCTGCCTCCTGGGTTCAAGCGATTACCTGCCTCAGCCTCCCGAGT  
AGCTGGGATTACAGGCATGTGCCACTACGCCTGGCTAATTTTGTATTTTATAGTAAAGACA  
AGGTTTCTCCATGTTGGTCAGGCCGGTCTTGAACCTCCAACCTCAGGTGATTCACCTGCC  
TCGGCCTCCCAAATGCTGGGATTACAGGCGTGAGCCACTGCGCCTGGCCTGAATTTTAA  
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>SEQUENCE:205:prostate\_MPM2000-004P1Novel007-2-Table2

CTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA  
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GCCCCACCATGCCCAGCTCATTTTTGTATTTTATAGTAGAGACAGGGTTTCACCATGTTGG  
CCAGGATGATCTTGATCTCTTGACCTCATGATCCGCCCTCTTGGCCTCCCAAAGTGCTG  
GGATCACAGGCGTGAGCCACCACACCTGGCCCTGTATTTATTCTCTTTAAAGAGAGAGAA  
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>SEQUENCE:206:prostate\_MPM2000-004P1Novel007-2-Table2

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TT  
TTTTGGGGTTCTAAAAAAAGTTTTTTTGAAAAAGAACCTTTTAAAAAAGGGTTGGGA  
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AAGGGGTTTTTTTTTCGCCCCCATTAAGGGAATCTGGGGAAAAAAAATTTTCCCGGT



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TTTATTTGGGGCCACCTTCCCTCTTTTACCCTAAACGGAAACCATTTTTTTATTTTTAAG  
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>SEQUENCE:207:prostate\_MPM2000-004P1Novel007-2-Table2  
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TTGCTAAGAAATCTTATAAATAAAAGTTATTTAATGTTTGATCATTATCTCTGGTGTGAC  
TAAACAAGTATGATAAATCAGGAACAAGAATCCCCAAAGGTCAAGCTAAATAAACATTA  
AAATATTCTATAGTTATTTGCAAATGATGGCATTATATTATATTTGATTTTTGATATGGA  
AGTATCCTCTGACCAGGTGTGGCAGTTCACGCCGCCTGTAATCCCAGCACTTTGGGAGGC  
CGAAGCGGGAGGATTGCTCAAGCCCAGGGGGTCAAGGCT  
>SEQUENCE:208:prostate\_MPM2000-004P1Novel007-2-Table2  
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AATCCAATTCCATCAATACCTGGGGAAACACAAAAACCTGGTGCAGCTGGAAGGCTGCTG  
CACTGAAAAGCTGCCACTCTATATGGTGTGGAGGATGTGGCCCAGGGGGACCTGCTCGG  
CTTTCTCTGGACCTGTCGGCGGGATGTGATGACTATGGATGGTCTTCTCTATAATCTCAC  
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GTCAGTGTAGCTGTGGTTGAGGTGGAAAGAAGGAGAGTGGTAGAAAATGGAGTTAGAGAG  
GTAATGGGGGTGGGAAGAATGTGAGGGGCCTCACAGGCCTTATGGACTTTGGATATTTCT  
CTGAGAGAAATGGGGAACCTCTGAAGTGTTTTGATCGCAGGAGATGTATTAGTCATCTGT  
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GGCCGCGACACGCTAAGGGCGAATTCCAGCACACTGGCGGCCGTTACTAGTGGATCCGA  
GCTCGGTACCAAGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATC  
CGCTCACAATTCCACACAACATACGAGCCGGAAGCATAAAGTGTAAGCCTGGGGTGCCT  
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>SEQUENCE:210:prostate\_MPM2000-004P1Novel007-2-Table2  
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TCTAAATTAGAAATTTCTTTTGGCTTTGTGTTTTTTTATGTGCGTTAAATATGTAACT  
GAACCTGTTCTAAATGCATTAACTTGAATGCTGTGTCTATCCAATGCCAGAATGCTC  
AGAAGAAAAGTGAATAATTCAGTCATTCATCTGGATGTAGTTTTCTGTGTAATCTCAAAT  
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ATCATAG  
>SEQUENCE:211:prostate\_MPM2000-004P1Novel007-2-Table2  
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CGTGGCCAACAAAGATTATCTATCTGTATATCTCTCTTTTGGCTGCCAGACCCAAATACT  
ATTTTGCATGGACGCTAGCTGATGCCATTAATAATGCTGCAGGCTTTGGTTTCAGAGGGT  
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AGATGTCAACAAGTTTCAAGATGTTTCTTGATAATTGGAATATTCAGACAGCTCTTTGGC  
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TTAGTTTTGTTAAATAAAAAATAATGAGACTAACAAAGTTAATGAGAATATTTAGAAGGG  
AAAAAAAAGGTACTATGTATTAAGACACCCATGAATACTGTTTTATATTTACATTCTAAG  
CCTTCGATAGGCCTGAAGTTAAATTAAGATTCCCCAAATCTGCCTATCAGCAATTCATTT

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TCTGTGTATGTTGACTCCTCACCTAAATTTACCTGCTCACTAACTGCTATCAAGCCTTT  
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>SEQUENCE:213:prostate\_MPM2000-004P1Novel007-2-Table2  
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CTAGACAGAGATCAAAGAAGCCATCCAATTGTCTGTGCCCCAGTGTGAAGTAGATGATGC  
AGTGATTCAAGGAGGTGATGGGTGGAGCTTTTGAGGAGCCCCTACTGTGTCCACCAGGAT  
TGAAGCCAAGAGAGAAAGTGAAGTGGGCCAGGCTGCAGTAGAAGCTTTTTATCCATCTT  
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>SEQUENCE:214:prostate\_MPM2000-004P1Novel007-2-Table2  
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GCACATGAGCAAACATGATGGCCCCTTTATGAGAGGTAATTTACTGAAATGCACAGCGAT  
TACCTGCTCACCCAGCCCTGATGTAATTAATAATGGCAGGCTAGGGGCTCTGTTTCCCCC  
GGCTCTGGCAGAGAAACCTGGGTTTCGACTTGTGAAGCTTGAGGTTGGATGTGGGAATTG  
GCTTGGAGTCATAGGCGATGAGAGGGACATTAGGATATTATGAAGCCCGTGAAGTCAACT  
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CTATCAGAAGTTGAATTCTAATAATTAGCTATTTTATAAAGGTAACGAGAAAAAATACAC  
TATGTCTGATGAAGTTTTTAGCACCCTTTGGCATATACAAAGAGTCCAAAAGTTACCAA  
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>SEQUENCE:216:prostate\_MPM2000-004P1Novel007-2-Table2  
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>SEQUENCE:217:prostate\_MPM2000-004P1Novel007-2-Table2  
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CCTGCAAGCAGCTCAGGTGGCCCTGGGCGACCCATCAGTGGTTTCAAGTTCTGCAAGA  
CCCTTGGGCAGCTCTCGTGGCCCTGGCCGGCCTGTGAGCAGTCCACATGAAGTTTCGACGA  
CCAGTGAGTGGCTTGGGCCCCCGGGGCGGTCTGTGAGTGGCCCTGGGAGATCCATAAGT  
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TTGGGACCTGGGCAAACAGTTA  
>SEQUENCE:219:prostate\_MPM2000-004P1Novel007-2-Table2  
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ATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACTTTTAAATATTAAGTT  
TACAAAGAATCATTCTAATGAGTCATGTATTAGCACAAATATACAGGTTGAGTGAGTATC  
CCCTACTCAAATGCTTACGACCAGAAATGTTTTGGATTGCTGGGGTTTGGGGGGATATT  
TTAGAACATGTGCATTATATTTACTT  
>SEQUENCE:220:prostate\_MPM2000-004P1Novel007-2-Table2  
TATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATC  
TGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACTTATATATGTAAATGCTATCTC  
TGAGTTGTTATAAGATAAATTTAATTTTAAAAAAGTATTATTCTATTTTATTATTAG  
AACAAATTCTTGATTTGTTAAGTTATCCAGATGTGTTACTTACTCTTGATATAAGAATATT  
TAAAAGGCTCATTTAAACAATTTTTTAAATAACCTGAGTTTTCTCTACAGTTTTTCATCA  
AGCACATGAGTGACAGAGTTTGCAGACTGAGCAAGTTTGTAGGAATGAAGATTGTAGTTTC  
TCACCTGTTAATTTTATTCTGTAGTATGCACCACAAGCAGGAACAAGTTAAAGCAGAATT  
CCTATGAATTCAAAATTAGGATACAT  
>SEQUENCE:221:prostate\_MPM2000-004P1Novel007-2-Table2

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ATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCT  
GCAG

>SEQUENCE:222:prostate\_MPM2000-004P1Novel007-2-Table2

TATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATC  
TGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACGCGGGGAGACAGAGATGGAGAC  
GGAAAGACAAGGACAAGAAGATGGAATCTGAGCTAATGGCGGAGACATGGAACCAAGTAGA  
GAAGAGACCCACTGTCTTCAGAGAGTGCTGACCAGGAAGAGGAGAAGCCTTGGGGACTGG  
ATCAGGTGTCTGTCCCTAGGTCCCCATTCTGACTCTTCTCCTGCCACCCTGATCTGGGT  
GTAGCATCATATTACATGCTGTGATTGCCATTCCAGCCCCATACTGTGGGAGGCTGGGGA  
GTGTGAGAAGCTTTCCCAACCCTGGCAGGTACATACACAATCACTCAACTG

>SEQUENCE:223:prostate\_MPM2000-004P1Novel007-2-Table2

ATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCT  
GCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACTCCTCATGATCGTCTACACAAC  
ATTCTGTGACACGTTCTCTAACCCTAAATATTGACCTGGATAAATTCAGCCTTGTTCTCAT  
ACTGTTTATAATATTTTCTATCCAGCTGAGTTTTATGCTTTTAACTTTTCATCTTTTCAAC  
AAGGAATAATTCGGGTTTTACACCAGCAGACACAGTGGCTATCATTTTCTGTTCTACACA  
CAATCCCTTACATTGGGAATTCCGATGCTGAAGATCGTGTTTGCAGGCCATGAGCATCT  
CTCTTTAATATCTGTACGCGGGCTGATTAATATATTTAATATATTGAATGAAAAATAGAC  
ATGTAGTTGGAAAAA

>SEQUENCE:224:prostate\_MPM2000-004P1Novel007-2-Table2

AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGC  
AGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACTTTCCAACCTCAACAGACATCAT  
CGAGAGCTGGATGACGGTGCAAAACCTGTGGATTTATTTAGAAGCTGTCTTTGTGGGAGG  
AGACATTGCCAAGCAGCTTGCCCAAGGGAAGCCAAGCGGTTTTCTAACATAGATAAATC  
TTGGGTGAAGATCATGACTCGGGCACATGAAGTGCCCAAGTGTAGTCCAGTGCTGTGTTGG  
AGATGAGACCCTGGGGCAGCTGTTACCACACTTGCTGGACCAGTTGGAAATATGCCAGAA  
ATCCCTTACTGGTTTAGTTCACTGGCTCTTTGATAGCTCTCGGTATCCTTGAGACAAAAG  
GATACAGGGGAGACTAGATAGCATT

>SEQUENCE:225:prostate\_MPM2000-004P1Novel007-2-Table2

TAGGGCGAATAGGGCCCTATAGATGCACTCGCTAGATGCAGTGCTCGAGCGGCCGCCAGT  
GTGATGGATATCTGCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACTGAAGAGT  
AAATGGTGCAATTTGGATGTGCAAGTCAGTAAATTGATAATTGGCACTCTTGAATGCAAA  
ATAGAAACTAGATTCTCAACTATACTGAAGCTTCCATTATCCAGAATGTCACTGCATATA  
CTTGGTGAATTATAAAGTCAAACAAGAAATTCTTCTAACTTTGTCCTTTCTTGTCAAAAA  
TCCTCTCATTAAATATGCTTTCAATGTGCAAAAGTAAACAACGTTGCATTGATTGCGTTTT  
TCAAGGGTCTAAATATTCAGTATTAACCTTAGTCCTGAATATT

>SEQUENCE:227:prostate\_MPM2000-004P1Novel007-2-Table2

CGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGGGCCGCCAGGGT  
GATGGATATCTGCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACACCAAGGTGG  
TGCATTACCGGAAGTGGA

>SEQUENCE:229:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
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>SEQUENCE:230:prostate\_MPM2000-004P1Novel007-2-Table2

GGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAG  
AATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACCTGGGGTCTCAGGGTTGCTCTGGGCCT  
GATCATCCACTCAGATCTGTAAGGAGGATTTGCAGGATCCATTTAAAAGATCCTCCCTT  
ACTTCCACAAGCATGGCCTTTGGCTCTTAAATACCTGTGCTGGGGTTTTGTAAATTATAGA  
AACAAACAGGAGCCAAAACCTATTAATGTTGAGCTACAAACCAGACGGAAGCTTATTTCTC  
AAACAGGGCTCACGCCTAGAAAAATCTAGTTTTCTGAAATCGCTAGCCAGCAACAGCAC  
TGAGATGGCCATCCCAGAAACAAGGCCAACACAGAAGCACCCATAAAGGCTGCTGGAGGT  
TGGGACAAAGAGATCCTTGCTGACCTTACAGACCCCCTGACTTCCA

>SEQUENCE:231:prostate\_MPM2000-004P1Novel007-2-Table2

TATAGGGCGAATTGTGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATC  
TGCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACTTTTATGATGTGGCAGAA  
ATCCCTGTTGATTCTAAGTTTTAGAGTGTCTTTTCCCCTATTTCTGACCTACAACATAA



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ACTACTCTCTATTAGGAGAACTAGACCACTTTCTTCATTCTTTTCTAAACTGCTGCAGAT  
TGCCGTGAACTCTATCAATAGTCTCTTTTCCGCAGGCAAAGTGGCATTCTTCTAAACATGT  
TTGCTTACTGCCAGGCTGGTTTGAAATCTATGATTTACTGCAGTAGGTATGGTGCTTAAA  
ACAACTGTCCGAGGGTCTTTTAA

>SEQUENCE:232:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
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TTGACAGCTGATATCAACTGGGCAGTGAATGGAATCTCAAAAGGAATCATTAAAGCAGTTT  
CTTGGCTATGTTCCCATCGTGGTGAAATCCAAGCTTTGCAACTTACGTAACCTTCCCCCA  
CAAGCCCTCATTGAGCACCATGAGGAGGCAGAGGAAATGGGGGGCTAGTTTATAATCAAT  
GGCATTGAAAAAGTCATCCGAATGTTGATTATGCCTCGGAGAAATTTTCCCATTGCAATG  
ATAAGACCAAATGGAAAACCAGAGGGCCTGGTTATACTCAGTACGGAGTTTCAATGCAC  
TGTGTGAGGGAAGAACATTCCGCTG

>SEQUENCE:233:prostate\_MPM2000-004P1Novel007-2-Table2

ATACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT  
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GCCAAGGCTGTGTGACCCCTCATCACTTAGCCAGGCGTATGGTCCTGGTTTCTGAGGCT  
GCCAGAAAGCATCTTAGCAATTTGTGTTTGGATGGTCCATGCCTGACTATTCTAGGCTGG  
AGGTTCTAAAGAGTAACAAGAGGAAGAGAAACAAGAATCTCTGACACTTGTTGAGAATA  
GAGCACAGTCCCATTTGTTTGAAAAGAGACACCAGGCAGCCATGTTTATGTGCCAGAAAT  
GCATTCCACCTCAAGGAGGACTTAATTTATGGACCCGTGTGTGCCAGGCTGAGCTGGGCA  
AGATCTTTCTCAGGACA

>SEQUENCE:234:prostate\_MPM2000-004P1Novel007-2-Table2

TATAGGGCGAATTGGGCCCTTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCT  
GCAGAATTCGCCCTTAGCGTGGTTCGCGGCCGAGGTACTTTTAAGTTATATAAAGATTTTT  
AGCTTCATAACACCTTTTGTGGGACAATTTAATGTGGGACAGCTTTTGTGGGACAATTAA  
TTTAATAAAATTTAATTCCTTATCCAACCTTTTAAATGTATGACATTTCAAATTTCAAATT  
TAGTAAGGCCTACGACATGCCACACTTGCTTTTCCTTCAGGTTATTTACTTGGCATTATT  
TCCCTTGCAACTTGGCTATACGAGCAAATCCATACTAAAGTTGCTAATATGCTTTCTTAA  
AAGCTTAGTCAACTCTAAACATGCATTGGCGACACACATAATTCCCTTGATGAGTTATA  
GACTACAAACACTGAGTGCACCTTCTGTGCACAACACTGTAGGTTAAAGGAAAAAAG

>SEQUENCE:235:prostate\_MPM2000-004P1Novel007-2-Table2

ACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATA  
TCTGCAGAATTCGCCCTTTCG

>SEQUENCE:236:prostate\_MPM2000-004P1Novel007-2-Table2

AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGC  
AGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACAAATATTTTTGTTTATTAAAAAA  
TTAGATTGTTTTGTTTTATTATTGAATAGTAAGAATTGTTTATATATTCTGGATACACTC  
TTTTTCAGATATGTGTGTTGTGACTATTCTTAGTCTTTAGCTTGCCTTTTCATTTTCTTA  
ATTATGTCTTTCAAAGAACAAGTTTTTCATTTTGACGAAGCCTAGTTTATCAATTTTTTT  
TATGGTTGGTGCTTTTTGTGTGTTCCAAGAAATCTTTGCCTACTCATTTAATTACCTGTG  
TGCCCTTGTCAAAATCATTTAATTTTGACTACTCACTTAATTACCTTGCCCTACTCATTTA  
ATTACCTGTGTGCCCTTGTCAAAATTTACTGTTTATCTGTGAATCTG

>SEQUENCE:237:prostate\_MPM2000-004P1Novel007-2-Table2

CACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATG  
GATATCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACATTTGTTGGGGGCG  
TGACATTAAACATATAACCACTTAGAGTGGACATGCAGTTAGAGAAAAGTCAATGAGCTGG  
AACCAAGCTGGGAATTCCAACATGCAGAAGTTAAACACAAGAGGAGGGGCCAGCAAAGGA  
AACAGAAACAGAGCTTCCAGCAGGTGGGGGGGCATTTGGAAGAAAACGATGCCATAGAAGC  
CAAGATGAAATAGACATCAAGGAGAAGGAAGTAGTCAATTGTTTTGAATGCTATGAAGAA  
AGATAAGAATAGGTAAATAGTCCTTATATTTGATAACAGAGGTCACTAGTGATCTTGATG  
AGGGGTTTCAATAGAATGGTGGGATTATATACC

>SEQUENCE:238:prostate\_MPM2000-004P1Novel007-2-Table2

GGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCA  
GAATTCGCCCTTAGCGTGGTTCGCGGCCGAGGTACGCGGGGAGACAGAGATGGAGACGGA  
A

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AGACAAGGACAAGAAGATGGAATCTGAGCTAATGGCGGAGACATGGAACCAGTAGAGAAG  
AGACCCACTGTCTTCAGAGAGTGCTGACCAGGAAGAGGAGAAGCCTTGGGGACTGGATCA  
GGTGTCTGTCCCTAGGTCCCCATTCTGACTCTTCTCCTGCCACCCTGATCTGGGTGTAG  
CATCATATTAGATGCTGTGATTGCCATCCAGTCCCAGACTGTGGGAGGCTTGGGAGTGTG  
AGGAAGCTTTTCCCAACCCTGGCAGGTACATACACAATCACTTAACTGGAACAATCAAAA  
CCATCTATGAGT

>SEQUENCE:239:prostate\_MPM2000-004P1Novel007-2-Table2

AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGC  
AGAATTGCCCCCTTAGCGTGGTCGCGGCCGAGGTACAACCAGAACCAACAATTGTATTTCT  
CTATAGTTATTTTAAAATAGTAATCAATGCTATGTATTTGATGTATATGTTTCTAAATTA  
GAAATTTCTTTTGGGCTTTGGGTTTTTTTTATGTGCGTTAAATATGTAACTGAACCTGT  
TCCTAAAACGCATTAACTTGAATGCTGTGTCTATCCAATGCCAAAATGCTCAGAAGAAA  
AGTGAATAATTCAGTCATTCATCTGGATGTAGTTTTCTGTGTAATCTCAAAATATCTGAA  
TATTGAAAAAACTAGGTTGCTAACTTTTTTTCATTCCTTATGCAAATGTTTAGCATCAT

>SEQUENCE:240:prostate\_MPM2000-004P1Novel007-2-Table2

ACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATA  
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TAAACGATCATTGTGGAGGAAAATACAGGATTTTCCAAAACAGTTTCAGAGCTACCTT  
TGCAGATGGGTAGGCTTTTCACCCACCCACAGAAAGAAGAGTCAACGGGGCTGAGACAGG  
ACAGGGATGGGTTTCAGGAGCACAATTAAGTTTTCGTATCTTAAAGAAAATATCTAT  
GTTTCAGAGAGAAAATTGAGAAGATAAGTTACTGCCAGTTCCTCTGGTCTTTGACACTTA  
GACCACATAAGAATGTTCCATGGTAGAAGGGTTGGGACAGAGAATCTTAGGAATCCTAAG  
AGAGAATCAATACTGCTCCCCTACCCCAGGTTTTTCTTGTTTTCTTACAATAGTATCCT  
TATT

>SEQUENCE:241:prostate\_MPM2000-004P1Novel007-2-Table2

ACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGG  
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CCCTAGTTTATGTGCCAACCTTATTTTATATTACATTCCCAAATTATATATAGCTCTGTT  
TCTAAGCTCTATTCTGCTCTATTGGACTATTGTCTGGTCTTATGCTAATCCTACCTTATT  
TTAATGTCTGTGACTTTAGTCATAGGACATACCTTGAAGAATAGGAACTCCCTTACTGTT  
TAAACAGTTCATTGGCTATATGTGGAATTTTATTCTTTCTATATAAACTTTAAGGTTTG  
TTTATAGAGTTCCTTAAAAATTTGATTGGAATTGTATGAATTAATAGGGAGAAAGTTGAT  
ATCTTTATGATATTTGTTCCATCCAAGAGCATGGAATGTCTGTATTTTAAATTATCATCT  
ATATTGTTTATT

>SEQUENCE:242:prostate\_MPM2000-004P1Novel007-2-Table2

TACACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA  
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CCAGAAAGGTTCACTGCTGACTCCCCCACCTCTCAAAAAACAAACAAACAAACAAACACC  
ACCAAAGCTTTCCGCCATTCATGCACATGCTTATTCTGACCCCAACCCCATCCCTACAAA  
GGGGCAGCAGACAGCACAATAGTCAAGGACAAGGTTTTTATTTATTTATTTATTTATTAT  
TTATTTATTTATTTTTTAAGGAGACAGGCCTCGCTATGTTGCCAGGCTGGCCTCCAAC  
TTGGGCTCAAGTGATCCTTCTGCCTCAGCCCCCGAGTCGCTGTGCCTAGGAGCACGCAC  
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TT

>SEQUENCE:243:prostate\_MPM2000-004P1Novel007-2-Table2

CTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA  
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TGTGTGACCCCCCTCATCACTTAGCCAGGCGTATGGTCCTGGTTTCTGAGGCTGCCAGAAA  
GCATCTTAGCAATTTGTGTTTGGGTGGTCCATGCCTGACTATTCTAGGCTGGAGGTTCT  
AAAGAGTAACAAGAGGAAGAGAAACAAGAATCTCTGACACTTGTTGAGAATAGAGCACAG  
TCCCATTTGTTTAAAAGAGACACCAGGCAGCCATGTTTATGTGCCAGAAATGCATTCCA  
CCTCAAGGAGGACTTAATTTATGGACCCGTGTGTGCCAGGCTGAGCTGGGCAAGATCTTT  
CTCAGGACAAACTCTGCCATGCAGCTAAAAGCCT

>SEQUENCE:244:prostate\_MPM2000-004P1Novel007-2-Table2

GCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGA  
ATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACAACAAACCAATAATGATAAAAAATAC

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TTCTCTTTTTCTCCCTGTTTCCCTTTTTCCCTTGGCCACAGCCAAATGCTAATTGCTGCT  
TTAATTACAGAGATGTGTAAATGTATTCAGATTACAAACTCTACAGGAATACATCAACAT  
TTAACTCTTTTGGCTTTTTACTGTTTAACTGTTTTAAATGCAAGTTATTTTAGGGTGAC  
ACTCCTTCCAGTTCTGGCCAGATCATGAGTTTCAAGATCAAGAGTAAAAAGTTATTAGAA  
ATAAACAGTTTTATAAAGGGAGGCAGCCCTTTTCCCTCAAGAACAACCTTTGTTGAGAGTT  
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>SEQUENCE:245:prostate\_MPM2000-004P1Novel007-2-Table2

GAATTGGGCTTTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCATAAT  
TCGCCCTTTCTATCGGCCGCCCGGGCAGGTACCATTCTTATCTCAGAATGCTGTAAACCA  
TCAGTAGAAGCAGTTTAGATTTGGACTGCATGGTAAAATGAAAAGTAATAACCCTCCAAC  
CACAACTAGTCAGGGTATTAATAATTATATGTAGCAAGAAAACAAAGAAGAAAATAATA  
TTGAAAAAATGGAGATTCCCCAACCCAGTTTCATATTTGAAGGATCTGAGTTGTATTTTA  
TTAAGGAAATTTTTTTTCTGAATACTGTCTTCCAAAATGTTAACATTAAAATCTGAATCA  
GAGGACTCTGAATGGAAAAGAAGTTTGATCACTGACACCT

>SEQUENCE:246:prostate\_MPM2000-004P1Novel007-2-Table2

AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGC  
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AATCTAGGTTATTCTTGAAAGCAGAGCCTGAGACAAAGGTAGACACATTCTATTTATGAG  
TCTAACACCCAGGAGCAGGAATGAGAGATAGGGGAGTGAAGTGGGGAAAGGGGAAACTAA  
GTCCGAGCAAAACCAGATACTGCTCTTATCAAGTGGTCCACCCCTATTAATGGCTACATA  
ATGCAGAACTTTCTCAGGATTCTTCTTAACTTTATCCCAGAACTGTCTGCCTCAGGGAG  
AAAGGAGAAGTATTTCTCCATCAGCAGCCACCTCCTGCGTGTGAGGGCTGCTCCTTTGGG  
GCATTAGCCCACTGCCTACACCACCCCAACCCTTTGGGCT

>SEQUENCE:247:prostate\_MPM2000-004P1Novel007-2-Table2

AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGC  
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ATTGATACTCTCATGTATCTACTAGCATATCCACAAAAACCCATGGTTAAGACAAAAACC  
ATTGAATTGATAGAATTTGAGAACTTGCCAGCTGAACAGAATGCAACAGTTGCTGTGAT  
GAGCTATAGTGGCTATGATATTGAAGATGCTCTTGTTTTAAACAAGGCCTCTTTAGACAG  
AGGCTTTGGGCGTTGCCTTGTATATAAAAATGCTAAATGTACCTGCCCGGGCGGCCGCTC  
GAAAGGGCGAATTCCAGCACACTGGCGGCCGTTACTAGTGGATCCGAGCTCGGTACCAAG  
CTTGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGT

>SEQUENCE:248:prostate\_MPM2000-004P1Novel007-2-Table2

GCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTTTTCGAGCGGCC  
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CCTTCCCACTGCTATAGCAGCGTTAGCCCTGGGGTTTCAATTATCTAGCCAGTTCACACCTT  
CTAAAGTGGGGCTCTGAAAATGTCCTACTTCCCTCACAGACAAAGCAATTCTCAAGCCTC  
CTGAGATCACCCACCAACCAGAGCAACTGCTGTCACTTGGAGGTGCAGCTGAATTCTTCT  
AATTGTGACACAACTCTTGAACTGTAAATGCTGAAAGATTAAATGAGGTTATAACACT  
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G

>SEQUENCE:249:prostate\_MPM2000-004P1Novel007-2-Table2

ATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCT  
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AGTCTCTGCTGCAATTAGTGCTAATTACAATACCTGGGCTATAAAAATAAAAGATTTTCAT  
TATAGCAAAGTTCACATATATCGTTTTAGTTCACTTTATCCACATTTGTTCAATTAAAAT  
TATACAATTGTCTTTACATATAACTGTTCTTAGACTTGAAATTTGAGGATATTATGATGA  
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>SEQUENCE:250:prostate\_MPM2000-004P1Novel007-2-Table2

CTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA  
TATCTGCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACTCTACGGTGTCAATAA  
TTATTTCAAGTCTCTGCTGCAATTAGTGCTAATTACAATACCTGAGCTATAAAAATAAAAG  
ATTTCAATTATAGCAAAGTTCACAAATATCGTTTTAGTTCAAGTTATCCACATTGTTTCATCT  
AAAATAATACATTTTCTTTACATATAACTGTCTTAGACTTGTAATTGAGGATATTTGATG  
AACAGATCTGTATCTGAAACAGCACTATGATGCTAAACATTTGCATAAGGAATGAAAAA  
AGTTAGCAACCTAGTTTTTTCAATATTCAGATATTTGAGATTACACAGAAAACCTACATCC



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AGATGAATGACTGAATTATTCACCTTTCTTCTGAGCATTTTGGCATTGGATAGACACA  
>SEQUENCE:251:prostate\_MPM2000-004P1Novel007-2-Table2  
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TGGATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACTGGGAATTCCCTTT  
GGGGGGTATTTTGCTAAGGGAACTGGTTAAATTTTGGTAACTAAATTTTTTTCTTAA  
AATAAAGACTTTTTCACATTGACTGGCACAGATTACTTAGCAAAAGATAGCAAAACCGGT  
GGTTGAAGAATAATTCATTTTAAATCGAATGTATTTTAGTGTGAATTTAAAAATTTCAAT  
ACATCAAATCTATAAATCTCCCTTATATTCCTTATGATGAGGCTAAAATAAAAAGTCTTA  
ATAAA

>SEQUENCE:252:prostate\_MPM2000-004P1Novel007-2-Table2  
AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGC  
AGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACTTGATACCATGCCTAGTGCATAGTT  
GGTGCCCAATTAATACATGATTGGATTATAGCATAATCACTGATCACTACATTTAAAGCA  
GTCCAATAGTGGAACAGGCTGCCTCACAAATAGTGAGCTCTTGTTTCCTCTACACAGATT  
CTACTATGGGCCAGGATCTCAGCCAAGCAGTGGAGCCATAGGCTGGACAGACACAAGCCG  
AGATTTTGGAAAAAGACTGAGTCCCTCTCAGCACTTGAAAGATCCCTTTCAACACCCAAA  
CATCAAAAGCCATGGTATATTGCCAAGCAAGGGTGCCTATGAACGCCTGTTGAAACCCCA  
CAACAATTTTTTCAGCCATTTATTA AAAACCCCAAAGAGAC

>SEQUENCE:253:prostate\_MPM2000-004P1Novel007-2-Table2  
GCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTTTCTTGCGGCCTGTC  
CGGGCAGGTACTTCATATCAGGACGAACCCAAACAATTTGTCTGCCCAAACATGGTCTCAG  
GTCTGAGAGTAGCAGCCACCAAGAAAATATTTTACCTTTT CAGGCCACTTAATTTAGATG  
GGTATGGCTCAAGCACCTTCAATTTGAGTAAAGTATATTCCTGAGGTCCAACACCCTCTC  
CAGTTTGTCTATCATGATCCATGCAAGGCTGTCCATCTTT CGGAGAGTAAATTGTGTACC  
GCTTCCCAAATTTAATTTTGTTCCTTTCTTTAATGTTAAAAATTGCCATCTGACAAATG  
AATCATAGTAAGGATTAACATCAGTGGTGAAGGAACGACGCCAGTCTACCTTCAAAC  
CCATTCTTTT

>SEQUENCE:254:prostate\_MPM2000-004P1Novel007-2-Table2  
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CTGATCATCCACTCAGATCTGTAAGGAGGATTTGCAGGATCCATTTAGAAAGATCCTCCC  
TTACTTCCACAAGCATGGCCTTTGGCTCTTAAATACCTGTGCTGGGGTTTTGTAAATTATA  
GAAACAACAGGAACCAAACTCATTAAATGTTGAGCTACAAACCAGAGGGAAGGCTTCTTT  
CTCAAAACAGG

>SEQUENCE:255:prostate\_MPM2000-004P1Novel007-2-Table2  
ATACACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
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ATGTTTGAGGTCCAACTGAAAACCCATCACCTCCTTCCCACTGCTATAGCAGCGTTAGC  
CCTGGGGTTTCAATTATCTAGCCAGTTCACACCTTCTAAAGTGGGGCTCTGAAAATGTCTTA  
CTTCCCTCACAGACAAAGCAATTCTCAAGCCTCCTGAGATCACCCACCAACCAGAGCAAC  
TGCTGCCACTTGAGGTGCAGCTGAATTCTTCTAATTGTGACACAACTCTTGAACTGT  
AAATGCTGAAAGATTAAATGAGGTTATAACACTCAGAAGGTTTTACAAGTAAAAGTAAGT  
CAAATCAATAAGTCT

>SEQUENCE:256:prostate\_MPM2000-004P1Novel007-2-Table2  
TAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTG  
CAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACCTTGGCCCAGATCAAAAATTGGCA  
GTGATCAGGACTTGGGTATAGAATTGCTGAATGTTCTACATCGAGTAATTTTAACCAGAG  
AATCACCTTCCATTCAGTTGGCTTCACTTGAAAGTGGTAAGGCAGATTATCTGTGCTGCT  
CAAGAACATGTGAAGGAAAAAAGACGAAGTGCAAGATTGATGATGGGGCTGCTGAAAAG  
GAACTCTGCCAGAGTTTGGAGAGGGGAAAGGACACCGGAGGACTTGTGCCTGGAAAGTCT  
TTGGTCTTTGCAACACTGGAATTGTGTGTATGCATTCTAGTTAGACAACTCCCAGAATTA  
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>SEQUENCE:257:prostate\_MPM2000-004P1Novel007-2-Table2  
ATACGACTTCTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT  
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GCAGACCATCCAGAAGGATCCTGCTGCCCCCATGTGCCTTTGTTCTTGGTATGTGAGTGC

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CATTATACTCCAAATTCTCCATTTGATGGAGAGAATCTGTCCCTTGGAATACGAGATTTA  
TATGCACAGTTTGCAAATAAAGCATCATAGCCTTTATTTTCTGTATCAAATCACCCCTGA  
TCCATAATATGAGTCTTTGCTTTGGGATACATGTTGTCATTTTGATGAACATTCTGTCC  
CCTTCATGGTATTTGATAAATTCCTTATCTTCATTGACACCATTCTGAATCTGAAAAGCTC  
ACAGGCTGACCATCAGGATAACTTCCAAGAACATGATATAAATTGCT  
>SEQUENCE:258:prostate\_MPM2000-004P1Novel007-2-Table2  
TATTCTACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGG  
GAAAGAGGGTCCATCTCTTTGCCAGCGATGTTCATTTTGCAGCATAGTTTGAGAGCAATC  
TTTTTCAAGTAAATTGAATATGAATGCCTGGCCCCATCATACATTAATGAATTAGGGGTT  
G  
>SEQUENCE:259:prostate\_MPM2000-004P1Novel007-2-Table2  
TTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCTG  
CCCTTTTCGAGCGGCCGCCGCCGGGCAGGTACAGTGCCAGGTTCTTTTCTGATGTAAAACAAA  
ATAGGAGAAAATAAAAACCCAGCCTGGCAAATAGCTTATCTCCACCAATCAGCAGAAAA  
TGGTAAAATAGAGACGCACGTGGCACTAACTAGACAGGAAATCAGAGGTGGGAAGCAAAA  
TGCCAGCCTTTATTCTGCTCTCTAAGATGGCTCTGGAAGGTCATGTTCAATTGTCACTGAA  
AATGCCTGCAGGGAGCGATATGAAAAGTCATTGTCTCTTCTTTTTTTCTCCTGCTATT  
TTAGCTCTTGCTAGGAAGATCAATTTTAGTTAACTGCAGAGAAGGGTTTTTAAATGGT  
GCTTGAGTTTCAAGTTGCATGTGTC  
>SEQUENCE:260:prostate\_MPM2000-004P1Novel007-2-Table2  
TACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGAT  
ATCTGCAAATTCGCCC  
>SEQUENCE:261:prostate\_MPM2000-004P1Novel007-2-Table2  
AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTG  
CAGAATTCGCCCTTTTCGAGCGGCCGCCGCCGGGCAGGTACCATCAAATCAAGTTTCTCTAAA  
AATTATGAAATTGGCATATTTTATATTTTGCTAGAGAATGGTGTGAACAAGGCTGATAAT  
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TTAGCTGATTTTATTCTCAATGTGCCTCAATTCTAAGAACCACTGCATTATTTATGAACA  
AGAATGTGCAATACCAAGAACCAGCCAATAATTTGAATCTTATATAAACTAAAGATTTCAG  
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>SEQUENCE:262:prostate\_MPM2000-004P1Novel007-2-Table2  
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ATCCTGTTTCCCCCTTGAGATCTTACAGAAAACAGCCACAGAATCCCAAGGCATCAGCA  
CCAAGAGAGCCTGTAGAACTATCTGGTCTAAGCTCCTGAAGCCCAGAGATAAGAATGAC  
TTAACCCAAGCTGCACAGCCTCTTAACAGTCCACTGTTAACCCCAGAAACAGATGCATTT  
GAATCTGAAAGGAGACAGGAATCCTAATCCTACTGCTCAGGGACTTGCTGATTTACTTTG  
CTGTCTATTAGCCTTTCTGTGACATGATTTTCTACCAAGCAAAGTCTTTTATTCAAGTCT  
CCCAGAGATTTCTATTAAAGCGTTTGCTATTTGGCCACTTAAAAAAGACAGAAGAGAAG  
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ATGTCACTG  
>SEQUENCE:263:prostate\_MPM2000-004P1Novel007-2-Table2  
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CATATGCAGGGTTTTATATATGTTTATTAGATTAATCTTACTGACTGTATTACACAAATT  
TATATACTTATAACATTTTGTCTGCTTAATCTACCAAATACTGAGAAATGTAACTAAAT  
TTCCTACTTTGGCAGTGGATCTGTTAAGTTTGTATTTTTGTTTGTGTTTGGGGCTT  
TTTTTATAGTTCTGTCAATTTTACTTTATAAATTCATAGTTTAGGTAAGTAAAGCAAAT  
AAGTTTCGAATTGTTATCTCTTCTCACTGAGCTAAGCTTTTATCAGCATGTAATGATGAT  
CTCTTTTTTTAACGAATAGTGTCTATGTTAAGGT  
>SEQUENCE:264:prostate\_MPM2000-004P1Novel007-2-Table2  
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TGTGACACGTTCTCTAACCCTAAATATTGACCTGGATAAATTCAGCCTTGTTCTCATACTG  
TTCATAATATTTTCTATCCAGCTGAGTTTTATGCTTTTAACTTTTCTCTTTTCAACAAGG

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AATAATTCGGGTTTCACACCAGCAGACACAGTGGCTATCATTTTCTGTTCTACACACAAA  
TCCCTTACATTGGGAATTCCGATGCTGAGGATCGTGTTCAGGCCATGAGCATCTCTCT  
TTAATATCTGTACCTCGGCCGCGACACGCTAAGGGCGAATTCCAGCACACTGGCGGCCG  
TACTAGTGGATCCGAGCTCGGTACCAAGCTTGGCG

>SEQUENCE:265:prostate\_MPM2000-004P1Novel007-2-Table2

GGCCCTCTGATGCCCCGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCT  
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TT

>SEQUENCE:266:prostate\_MPM2000-004P1Novel007-2-Table2

ATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTC  
GCCCTTAGCGTGGTCGCGGCCGAGGTACCAGAATCTCTAACAGTGTGGTCCTGTGTAGCC  
ACATTGCTACACTTACAGAGATGCTTTGGGGCCTTTTTGGATTAAGACAGTTCTAAAAGA  
CCAGGCCTCACCTATGATCTGTGTATAAAGAATTAGCATCGCACTGTAGATCTGCAAGAG  
AAGGCCGCTCCTGCAGTGCTCTCTCTTGGTGAATGCTAACTCTGCTCGAGGGCCTTTTG  
GGGAAAGGACAGTGTAACCCTTAGAGAGGTAAGTTTCCCACCCTTCCAACCTCTCTCC  
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>SEQUENCE:267:prostate\_MPM2000-004P1Novel007-2-Table2

TTGGGCCCTCAGAGTCAGCTCCAGCGGCCGCCAGTGTGATGGTTATCTGCAGAATTTGCC  
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CACTTAGCCAGGCGTATGGTCCTGGTTTCTGAGGCTGCCAGAAAGCATCTTAGCAATTTG  
TGTTTGGATGGGCCATGCCTGACTATTCTAGGCTGGAGGTTCTAAAGAGTAACAAGAGG  
AAGAGAAACAAGAATCTCTGACACTTGTTGAGAATAGAGCACAGTCCCATTGTTTGAAA  
AGAGACACCAGGCAGCCATGTTTATGTGCCAGAAATGCATTCCACCTCAAGGAGGACTTA  
ATTTATGGACCCGTGTGTGCCAGGCTGAGCTGGGCAAGATCTTCTCAGGACAACTCTG  
CCATGCAGCTAAAAGCCTGGAAA

>SEQUENCE:268:prostate\_MPM2000-004P1Novel007-2-Table2

ATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTC  
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GTTATTTTAAAATAGTAATCAATGCTATGTATTTGATGTATATGTTTCTAAATTAGAAAT  
TTCTTTTGGCTTTGTGTTTTTTAATGTGCGTTAAATATGTAACTGAACCTGTTCTAA  
AATGCATTAACTTGAATGCTGTGTCTATCCAATGCCAAAATGCTCAGAAGAAAAGTGAA  
TAATTCAGTCATTCATCTGGATGTAGTTTTCTGTGTAATCTCAAATATCTGAATATTGAA  
AAAAGTAGGTTGCTAACTTTTTTCAATTCCTTATGCAAATGTTTAGCATCATAGTGCTGTT  
TCAGATACAGATCTGTTTCATCAAA

>SEQUENCE:269:prostate\_MPM2000-004P1Novel007-2-Table2

ATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCGAGCGGTATCAGCTCACTCAAAGGCG  
GTAATACGGTTATCCACAGAATCAGGGGATAACGCAGGAAAGAACATGTGAGCAAAAGGC  
CAGCAAAAGGCCAGGAACCGTAAAAAGGCCGCGTTGCTGGCGTTTTTCCATAGGCTCCGC  
CCTCCTTGACAAGCATTACAAAATCGACGCTCAAGTCAGAGGTGGCTGAAACCCGACAG  
GACTATAAAGATACCAGGCGTTTCCCCCTGGAAGCTCCCTCGTGCGCTCTCCTGTTCCGA  
CCCTGCCGCTTACCGGATACCTGTCCGCTTTCTCCCTTTGGGAAGCGTGGCGCTTTCTC  
ATAGCTCACGCTGTAGGTATCTCAGTTCGGTGTAGGTCGTTGCTCCAAGCTTGGCCTGT  
GTGCACGAACCCCCCGTTCA

>SEQUENCE:270:prostate\_MPM2000-004P1Novel007-2-Table2

GACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATG  
GATATCTGC

>SEQUENCE:271:prostate\_MPM2000-004P1Novel007-2-Table2

GCAAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGA  
ATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACTGGGATTATAGGCATGAGCCACCATGCC  
CGGCCTTTGCTCTTAACTACTGATGTTGTCTTCTGATCTTTTCTACAAGAAGCTTTTAA  
ACTTTTTGGACTTTAACCTACAATAAGAAATCCATTTTACATGTTTACATGTATCTATAA  
CAACATTTATATTTCTAAAACAACTTTTCATGAACAAGATATACCTACATATGTCAGG  
CACTCTGATATTTTCTATTCTAGTCCACCTTTTCCATTTTCTATTATTTATGGGAAATAT  
ATGTTGGTTGGGAGTCACTGAGTTAATTTAATGACCCACTAATAGGCTGTGAGTGGCATT  
GGAAAATACCTGCTTGTAAGAATTGCGAACACA



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>SEQUENCE:272:prostate\_MPM2000-004P1Novel007-2-Table2

TATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATC  
TGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACTCGTGATAAAGAATCAATAGCA  
ATTCAAAGGTTCCCTTTTGTAGGCTGTATCCCAAAGAGTAGGGAAAGATCTTTACTTCAT  
GTCAGTGGGTGATACCACTATTAAAGGTAACCTTGTGTTTTTAAAACAAAATACTTTTATC  
ACCCAGAATTACAATTTCTTAAAAATATTGTTATGCTGAATCCCTCAAACAAAAATGGTT  
TATCAATTTCTTTGGACATAGGTAGCAGGGAAGAAAAACCACTTTAGGTAAAAAAATTTA  
AATACTTATGGAGATAAATAACCCAAGATGAGGATTTCTTGAAATATAGGAAATTTAT  
TAATTGAATTAATCTTGAAAGTTAAATTATGAATGTGATAAATTCACATTTTAAAGAATT  
TTCTCTGTTAATTAGCTCATATGTTCAAATGATATTTGTTAAATAATCTCTTGGAATTC  
TGAATCTTTAGTTTATAT

>SEQUENCE:273:prostate\_MPM2000-004P1Novel007-2-Table2

GCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGA  
ATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACTGTAAACACGGGAGAGCTGTCAAGGAA  
GTTCCATTTTCAGGGCAAGCACAGGAAAACACTCCTCTCCGTGGATCAAAGAAGTCAGCCC  
AAGGAACAAATCTCTCCACACTTTGGCTGGGTGGGCTGATTTACCTGCGAAAGTAATTTT  
TGTGTGTCCCTGCTTAGAATCCAGGGTTTTGTGAATGAGAACTATCATTCAATCTCACCA  
GGCAGAAACTATTCCTCAAGGGCTGTATGACGTCTGTAAGAAGGCAGTTCAAACACCCGC  
AAGGCAGTGAGAAA

>SEQUENCE:274:prostate\_MPM2000-004P1Novel007-2-Table2

CTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA  
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TTAGTAATGAAAGGATTGCTGCCAAAATCCTGTTTCCCCCTTGCAAGATCTTACAGAAAAC  
AGCCACAGAATCCCAAGGCATCAGCACCAAGAGAGCCTGTAGAACTATCTGGTCTAAGC  
TCCTGAAGCCCAGAGATAAGAATGACTTAACCCAAGCTGCACAGCCTCTTAACAGTCCAC  
TGTTAACCCCAAGAACAGATGCATTTGAATCTGAAAGGAGACAGGAATCCTAATCCTACT  
GCTCAGGGACTTGCTGATTTACTTTGCTGTCTATTAGCCTTTCTGTGACATGATTTTCTA  
CCAAGCAAAGTCTTTTATTCAAGTCTCCAGAGATTTCTTATTTAAGCGTTT

>SEQUENCE:275:prostate\_MPM2000-004P1Novel007-2-Table2

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCAGGTACCTCAGTTGGAAAT  
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ATTCGGCCATCTTGGAACCGGCACACACCAATTTTTTAGAACAGAAACAGGATCACAATC  
TACATATTGTCTTAACACATATTTTAATCATAGATAACAGTATATCTATTCAACACAAAA  
AGTTAATTCTGAAAATCTGCATCTTCATCTTACATAAAACATTTAAACTTCCCAGAACAA  
TTGGGAATATTAATGTTTCATTTATTCAATTTATTATTAATTAATCAGGGTCCTATTAG  
GAGACAGAAACCAGATAATTTGAAAGTTTAATATGAACAAATTATTAATACTATAACAAGAG  
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>SEQUENCE:276:prostate\_MPM2000-004P1Novel007-2-Table2

TGTCACTACTTAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA  
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CTCAGCAGGAGACAAAGGATTCCAAAAAGAGATGTGGAGGTGCTGAGGGCACCTCTATCT  
CTTTGTTGTTTAGTCTGTCATTGAATCAATCTACTTATCATCTTGGGTCTTTGAGTATTG  
TATGAAAGATCCTTCGTGCACACCACACACAGTCATGATTTTGTTAAAGTAGCCTTCTTC  
AAATGCTTTTCTAAGGGCTAGTCACCAACTTTATTTCTGTGTTTCTGTACAAGAAACATT  
TTCAGTTCTTCATTGAGTTTGATTATGGAAATCCATTAAGAACTCTATGAAAATTTTAC  
TCATGTCTTTTGAAATGCAACATTTT

>SEQUENCE:277:prostate\_MPM2000-004P1Novel007-2-Table2

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACAAGCC  
AATGCCAGCGTCAGAGCTGCTTTTGTGCATGCCCTTGAGAGATCTATTTTCAGAGTATCAGT  
GTGCTAATTAGTGCACCTTATTATCTACTTTAAGCCAGAGTATAAAATAGCCGACCCAATC  
TGCACATTCATCTTTTCCATCCTGGTCTTGGCCAGCACCATCACTATCTTAAAGGACGCT  
CTAGAAGTGTGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCG  
ACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGC  
TTGGCGTAATCATGGTCATAGCTGTTTCTGTGTGAAATTGTTATCCGCTCACAATTCCA  
CACAACATACGAGCCGGGAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCT

>SEQUENCE:278:prostate\_MPM2000-004P1Novel007-2-Table2

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TACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
ATGGATATCTGCAGAA

>SEQUENCE:279:prostate\_MPM2000-004P1Novel007-2-Table2

CCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTT  
AGCGTGGTCGCGGCCGATGTACTTCATTTAAGAGTCCTGGCTTCCAGAAATCCTTTTTTT  
CATGTCTTATCTTCTAATTATGCTTTGTAGTCCAGCTAAATTACATCTNCTTGACATTTT  
GGAATGTTCCCATCTTTACACCTGTCTTCAAATTGTTTATTCCACATGGAATATTCTTTT  
CCCCTTATCTCCAATTAGAGTATATGGAGTTTGGGGAAGAATCATGTCGTTCACTGTGGC  
ACGAGGGACAGAGTGAGAAGGTGGACAGGAGCCAGATAATTGGAGAGACTTTTTACATAA  
TGCTAATTNTAGGAGTTTGCAATTAACACTGTGGATTTGATGAAAACAGTGGAGGTTTTA  
ATCAGGGGGATGAATGATAGGATTAGAATTCTATTTTATATAATATAATCCAGATACATC  
ATGATAAATTAAGATCAAAGCTGAAA

>SEQUENCE:280:prostate\_MPM2000-004P1Novel007-2-Table2

ACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGG  
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GAGAGTGGATCTCATTTTAAGGGTTCTTACCACAATAAAATTAATTTTTGAAATAAATC  
AGTCATATTTGAGTGAAATGAAACCTTTCCGAGTAGTTTCAGACAATTGATAATACCTAG  
TTTACAGTTCCTGTAGTCATTTTGGAGGGTGAGGACTTGATGTGTTTAGTAAAGTTGAGA  
AATAAATACATGAAAGAATGTGTGGGGAAGAGAAAGTGTGGGGAAGAGAAATTGTCTCAG  
AGGACCATTTCTTAGTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCTCA  
CTGCAAAAATACAATGGCCTACATTGGA

>SEQUENCE:281:prostate\_MPM2000-004P1Novel007-2-Table2

GCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGA  
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TTCAGAGGTTTGTCTTTTTTTTTTCCCCTAAAAGGTGCTGAGATGTTATGAGTGCTTTAT  
GTGTGGTACTGGATAAAGTTTTGAAATGTCACCTGTGTTATAAACTGCATGATTTATCGA  
TTTTGGAAATTTGTTTTTTTTTAAATGATTAATTTAAATAAAATGGAGAATTTTGATCCA  
TAAGAAAAGCAGGACTGAAATCTCCAGGGATGGGAGCCTTTGGGTTACCTTGTTTCAGTG  
ATGTTTTTTGTAGACTTCTACTTTCTTGTAATAATGTTTTTGGACTAAATAT

>SEQUENCE:282:prostate\_MPM2000-004P1Novel007-2-Table2

TTTACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCCGGCCGCCCGGGCAGGT  
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TCTAAGAGGGACAGTAGAGGGCTTGTTTCATGCTCTCTCTCTCCATGCACAAGAAAGAGCA  
CACAGTGAGAAGGAAAGAGGCCCTCACCCAGAACCTGACCATGCTGGCACCGTTGATTGC  
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GTTCTGTGGTGTGTTTTATGGCATGCACAAGGGTAACTCCAGGATGATGCTTTTTTACC  
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>SEQUENCE:283:prostate\_MPM2000-004P1Novel007-2-Table2

AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGC  
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>SEQUENCE:284:prostate\_MPM2000-004P1Novel007-2-Table2

ATAGGGCGAATTGTGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCT  
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ATTTGAACTTGGCCATCTGTGGGTGCTACTCTCGTAAGACTAAAAGGCACCTACTAAATA  
CGAACAAGGATAACCAGTTCTACCAAAAACATTACCAACCAACCTCCCCTGTTCTTTTT  
TCAGACTTTCCTTTTGCTTTCAACCTCTTAACTGTAAAGGAGAGATTTAATGTTTCCCT  
ATTATTCTGCTTTGACTCACATACTAAAATGACCACATGGCACTCCATTGAATCTTTTCA  
GTTGTTACGAATTAATAAATGCCCATGTTTTACAGTTTTTCGAGTAGTCTCAGCAATG  
GATCTGTAGTTTCAGGACCTGTTTTTAAAAGATCAAGATACTTTTATGTGTTTCAGAAGT  
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>SEQUENCE:285:prostate\_MPM2000-004P1Novel007-2-Table2

GTCACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA  
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GATCATTTAGAGCTTGCACACATCTGTGTCTTCTTGTTGGGAAACCTCTAGGTATTCTGTC

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TGATCAGCACTGTGAGGAAGTTGGTGGGAAAAGGGCCCCCTGTTAAGAACAACAATGGGC  
AGAAGGAAGCACATTGCAATAAATTTCCCCAGAGAGAGTTTCTTTACATTCCATTCACCA  
AAAACCTCTCTGGAAGTGTGAGGTTGAGAAATATCAACCAAGACCATATCATTTAGAATTC  
ATTGGCATGTAGAGGTGACTCGATTCCTAAAAGAAGCCTCTCTCCCATGAACCACGATGT  
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>SEQUENCE:286:prostate\_MPM2000-004P1Novel007-2-Table2

ACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTGCGCGGGGAGAATCAA  
G

TGAGAAGTGCTTTTAGAAACATCCATGCAGGTATGAAGGAGCTCTAACATGCCAGGCGAG  
TGGACAAGGCTTGGGGAAGGTTGACGATACCTAGAGACATGTCATCCTTTGGGTCAGAGC  
CTGCCTAATCTCATGGGGAAGTGTGGGTGGAATAGGCACTCTAGGCTCCCCCTGGCATG  
GGCAGGGTTCGAGAGAAATTCACAAATTTGTGTGTGTTACGGAGGGGAGGCCAAGCTTCT  
GACTGCTGAAGTTAGGGTCAGAATGGAGAGGCAAGCATGTGTGTGAGGGACTCTGAGATG  
GGAGGCTGACAA

>SEQUENCE:287:prostate\_MPM2000-004P1Novel007-2-Table2

GACTACTATAGGGCGAATTGGGCCCTCTAGATGCAATGCTCGAGCGGCCGCCAGTGTGATG  
GATATCTGCAGA

>SEQUENCE:288:prostate\_MPM2000-004P1Novel007-2-Table2

ACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGG  
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>SEQUENCE:289:prostate\_MPM2000-004P1Novel007-2-Table2

CTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA  
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GCACCAGATGGAGTGGCCTGCGCCTTCACAGCTGTGGGCATTTCTCCTCAGGTGGAACGA  
GAGACTTGAGAAAAGAAAGACAACAGAGACAAAGTATAGAGAAAAGAAAAGTGGGCCCGAGG  
GGACCGGCGCTCAGCATATGGAGGACCCGCGCCGCCCGCGTACCTGCCCGGGCGGCCG  
C

TCGAAAGGGCGAATTCCAGCACACTGGCGGCCGTTACTAGTGGATCCGAGCTTGGTACCA  
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>SEQUENCE:291:prostate\_MPM2000-004P1Novel007-2-Table2

CACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGAT  
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TCCCCCTGAGAAGTAATTTTAAGATCTATCAGTCTCAATTTAAATGATCTGTTAATCAG  
CCAGAGTTTTAGTTTCATAATATCGTTCCATTGCCTGACAAAGATATACACACTGAAGTG  
CCTTTAGCAGACCTGGGACCGTCAAGAATCTTGTTACCCTGATTATTGCAAGATGACATA  
TTTCTTAAGCCATTTATAATCTCATATTCGGGTTGAATCTGAATTTACAAATAAAAGGGT  
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>SEQUENCE:292:prostate\_MPM2000-004P1Novel007-2-Table2

GCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGA  
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AAGGTGAGAAGCAGTTCTCCATGGACACTGATGACAGCACAGGCAAAGTTTCCTATGACT  
AGGGATCACTGTCCACACAGAGTCTGGCTTCCCAGGTATCCAGCAGGTAGACAAAACAGC  
TAACTCCACTGCCACTCCTTTCTCCACATCCGTTTCTCAGCCATCTCAGTGACA  
TCCGCCATCTTGAGAGTCAACTACTGACTGGACTGAGTTGTGTGGTATATGCTTCTGTTT  
ACTTCTCTTCTGTCTTTTTTAAGTGGCCAAATAGCAAACGCTTAAATAGGAAATCTCTGG  
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>SEQUENCE:293:prostate\_MPM2000-004P1Novel007-2-Table2

CGACTCACTATAGGGCGAATCGTGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA  
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CTGGAGGATTCTTGAAGTAATGACAGACTCGTCTGCTGCAAGTGACTGGTTGGCTTCAGT  
AGAGTCATTGCTTCTTACTGCTGTGATCCCTGCGCCTGCCTTTCTTCTGCTGGCTCA  
CCTCCTTGTTGAAGACAAAGGACAAAATCTTCACCAAATACTCAAGGTCACTACAGAATT  
AGCCCAAGCAGATTCCTCCAGGTGCCAAATCTGATTCCAGTTTTGATGTTCAAATTGGG  
AAGACCACTGGAACCTATATTATATAATGATATATTGTATACTTTACCTAAGCTTGGTGT



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TCACAAGGTGTGTATAGGACAAATTCTACGAATAATACAACACTACTTGGAACACACCACG  
ACTAAGAGCTGTCACTTTGCGCTTGCTGACATCTTTGTGGGAAAAGCAAGACCGAGTCTA  
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>SEQUENCE:294:prostate\_MPM2000-004P1Novel007-2-Table2

ACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGG  
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TCATTCATTCGTGTTAAGCCAAGATCCTGGATCTTCTATCATTAAATGTTAAGAGGAAACA  
TGAATTACAACATATATTGTATGACTGCCATATTTTATTGAACTAAGGTCAATGTTGAAC  
CATATCTTGATTTGAGAATTTAAAATGTGTTACCTTAGAAATAATGAAATATAGTGTAAC  
AGTTGGTTTCTAAATGTGGTTTTATTTACAGGGGCCATTATTTAACCTGTGTGTATGCTAT  
GATGGAGTTCTTTTGTGATTTCTTTACTTCTAAATTTAAATAGTAATTATGTTTAAAAAC  
AAATGTTTTTGTCTTTAGTTGCAAAGCAGCATATATCTCATTTCTTCAACCTTGCCTCC  
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>SEQUENCE:295:prostate\_MPM2000-004P1Novel007-2-Table2

ACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
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CCAAGGCTGTGTGACCCCTCATCACTTAGCCAGGCGTATGGTCCTGGTTTCTGAGGCTG  
CCAGAAAGCATTAGCAATTTGTGTTTGGATGGTCCATGCCTGACTATTTTAGGCTGGAG  
GTTCTTAAAGAGTAACAAGAGGAAGAGAAACAAGAATCTCTGACACTTGTGAGAATAGA  
GCACAGTCCCATTGTTTGAAAAGAGACACCAGGCAGCCATGTTTATGTGCCAGAAATGC  
ATTCCACCTCAAGGAGGGCTTAATTTATGGACCCGTGTGTGCCAGGCTGAGCTGGGCAAG  
ATCTTTCTCAGGACAACTCTGCCATGCAGCTAAAAGCCTGGAACTAAAGGATTTTCATG  
TAGTAACTATCTTCCAACCCCTGTAGGCATCAGACCACAGGATGAGGTTTCAGAAGGTC  
ATAAGGCAGAATAGTTAAGCCTACAGGGCTTACAGTCTGACAGACCTGGGTTCAGTTCTT  
GGGTCTTCATCACTAGTTTTGTGACTTTCGGAAGATGACTCCCGGAGCCTCAGTGAGCC

>SEQUENCE:296:prostate\_MPM2000-004P1Novel007-2-Table2

TCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA  
TATCTGCAGAATTCGCCCTTAGCGTGGTTCGCGGCCGAGGTACGAAAAAATCAGGCCACTA  
AGCCCACTGTTAATATAGACGCAGACCAATTGTTAGGAACAGGTCCAAATTGGAGCACCA  
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>SEQUENCE:297:prostate\_MPM2000-004P1Novel007-2-Table2

GCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGA  
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TTGCTTGTTTTGCTTCTACTAAAATGGTTCTAGGTGCTGTGTGGACAGGTGATACAAAAG  
CCTGACTCACACGGGTGACATTAATTCATTCCATTTTCATTTCTCTTTGAGTGATCCTGA  
CAAGCAGAGGGTCTCAGGTGGATATTACTGTGTCTTTGAGACCTCTCTAATCCTTATCTA  
TCTCTCATTTTAATACAGAGAGTTTCATACGCAGACCTTAAGTAGACATAGTATCCAGCT  
AAAAGGGTCTCACTCTGTCACCCAGGCTGGAGTGCAGTGGCGCAGTCATGGCTCCCTGTA  
ACCTCAACCTCTCAGACTCCAGCAATCCTCCT

>SEQUENCE:298:prostate\_MPM2000-004P1Novel007-2-Table2

AGGGCAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCA  
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AACTTGACCAGGTGAAAGGTGGCCCCCGAGGCCAGCCCGTCTTTATGTTGTTCACTT  
TCTTTGTGAGCTGTTGAGAAGAAAAAAGTCTTACCTTTTCATCCAGTTTCCAACCTCTA  
GCAAGCACAGCTCTTGGGCAGAAAATATTGGCAAAGAATATCCACATGGGCAAACCAAGG  
CAAAACGGACAGAAGCCAGTCTTTGCAGGCTTCCCCTACTCTGTAAACAATTTCTTCCG  
GCCATGGCCCATTTGGCCATTGCCCTACACCCACCATTTCTCATATCTGAACTGAATGCTT  
CTGGCCAGGTTGTGGCCCATCAGGCCTTCTAGAGAGATAGTTTAGACAGACAGTATTC

>SEQUENCE:299:prostate\_MPM2000-004P1Novel007-2-Table2

TATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATC  
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TGTGACCCCTCATCACTTAGCCAGGCGTATGGTCCTGGTTTCTGAGGCTGCCAGAAAGC  
ATCTTAGCAATTTGTGTTTGGATGGTCCATGCCTGACTATTCTAGGCTGGAGGTTCTTAA  
AGAGTAACAAGAGGAAGAGAAACAAGAATCTCTGACACTTGTGAGAATAGAGCACAGTC  
CCATTTGTTTGAAAAGAGACAC

>SEQUENCE:300:prostate\_MPM2000-004P1Novel007-2-Table2

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CTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATAT  
CTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACCCCACTGCAGCCAGGACCAGA  
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CACTTATCCCTCTCCCTGACCGCATTCCCTGGACCTGTCCTGCTCAACCCACTTGATCGA  
GGTTAATGCAAGGCCATCTTTCTCCTGAAGACAGTCACTCTCCTTTGGGCACATTTAAA  
ATTAAAGCACCTA

>SEQUENCE:301:prostate\_MPM2000-004P1Novel007-2-Table2

CTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA  
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AGGATGATCTTGATCTCTTGACCTCATGATCCGCCCTCTTGGCCTCCCAAAGTGCTGGG  
ATCACAAGCGTGAGCCACCACACCTGGCCCTCTATTTATTCTCTTTAAAGAGAGAGAAAA  
CTATGAAAGGGCCAAATTATTTAATTAAATCTTTACCTTAACACAAGGGAAAAAATGGAA  
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>SEQUENCE:302:prostate\_MPM2000-004P1Novel007-2-Table2

CTCTAGATGCAATCGCGAGCGGCCGCCGTGTGATGGATATCTGCAGAATTCGCCCTTAGC  
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TGCTTAATTACAATACCTGAGCTATAAAAATAAAAGATTTTATTATAGCAAAGTCACAAA  
TATCGTTTTAGTTTCACTTATCCACATTGTTTATCTAAAATAATACATTTTCTTTACATAT  
AACTGTCTTAGACTTGTAATTGAGGATATTTGATGAAACAGATCTGTATCTGAAACAGCA  
CTATGATGCTAAACATTTGCATAAGGAATGAANAANGTTAGCAACCTAGTTTTTTCAATA  
TTCAGATATTTGAGAATACACAGAAAACTACATCCAGATGAATGACTGAATTATTCAT  
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ACAGGTTTCACTCTACATATTTAACGCACATTAACCAACAC

>SEQUENCE:303:prostate\_MPM2000-004P1Novel007-2-Table2

ACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA  
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GACCAGAATGCTATCACTCTCAGGAATGAAATCATTGAGAGCATAGCTGCATCGGGGGCA  
TGACCAGCACTATCCTCTCCCTGACCGCATTCCCTGACCTGGCTGCACAACCCACTTGAT  
CGAGGTTAATGCAAGCCATCTTTCTCCTGAAGACAGTCACTCCCTTTGGGCACATTTAAA  
TTAAAGCACCTATCAGAATACAAGTCCAGAGGCCCTGGCCCATCCGTACAGTGTATAGA  
ACGGTCTCTTTCTACAGAGTAAGAGTGACCCTATCCTGGTGCCTTTAAATCTAAAACTA  
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>SEQUENCE:304:prostate\_MPM2000-004P1Novel007-2-Table2

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ATGAGCAACTCTTAAAGTGAAAAATCTCATCAATACACAAGTACTGATGATGATGATGAT  
CAACTGCTCTTAAATACTTAGATAAAAAATCACCGCTGTAGGAAAAAGCAAAACAAAATA  
ATGATTGAAGCGTGTGTTTGGCTCTGGGATGCTTACATTTGACGATTCCTGTCATACGCTGT  
GTAAGTTCATACCTAGTGCTCAATCGTATTTTATTACCAGACTGCTGTATAATTAGAGGG  
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>SEQUENCE:305:prostate\_MPM2000-004P1Novel007-2-Table2

GCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGA  
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CCCCTCATCACTTAGCCAGGCGTATGGTCCTGGTTTCTGAGGCTGCCAGAAAGCATCTTA  
CCAATTTGTGTTTGGATGGTCCATGCCTGACTATTCTAGGCTGGAGGTTCTAAAGAGTA  
ACAAGAGGAAGAGAAACAAGAATCTCTGACACTTGTGAGAATAGAGCACAGTCCCATT  
GTTTGAAGAGAGACACCAGGCAGCCATGTTTATGTGCCAGAAATGCATTCCACCTCAAGG  
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>SEQUENCE:306:prostate\_MPM2000-004P1Novel007-2-Table2

TATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATC  
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CATTGAGCAATAGGCACACGGTAAACGGCAGCTGTTGTTATTGGTTTGCAAGGCCTTTTA  
TTAATTTTACCATAAACCACAAGATGGAAAAGACAATAACAGACACAGTTAAGTTCC

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AGAAGACTTCTGGACTTCAAATGATGGACTAAAACCAGCATAAATTTACATAAAAAGAAA  
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>SEQUENCE:307:prostate\_MPM2000-004P1Novel007-2-Table2  
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GTTGCCCTTTGGGGTTCCTGTTTCAACAGCATGGTGTGAAGCGCTGCATCAACCTTCTCTG  
CCTCATCCTGCAAGGTGGCAAATTCCTCAAGAATATGACCAAGCTTATCTCTCTGTCTGAG  
CCCTGTTATGTCCATGGATCTGAATAAGACTACAGAATGGCCGAACACAGTGAGTAACAA  
AGGAGTCGATACAGTCCTTAGCCTGGTGATTATTATATAGGTAGCACTTGGGGGAAAGCA  
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GGAGAAGCCTGTGAGGAAGGACAAGCGGGATGAGTTGGTGGAAAGCCATTGAATCAGCCTT  
GGAGACCCTGAACAATCCTGCAGAGAACAGCCCCAATCACCGTCCTTACACGGCCTCTGA  
TTTCATAGAAGGGATCTACCGAACAGAAAGGGACAAAGGGACATTGTATGAGCTCACCTT  
CAAGGGGACCACAAACACGAATTCAAACGGCTCATCTTATTTTCGACCATTTCGGCCCCATC  
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CCTGGTTTCTGAGGCTGCCAGAAAGCATCTTAGCAATTTGTGTTTGGATGGTCCATGCCT  
GACTATTCTAGGCTGGAGGTTCTAAAGAGTAACAAGAGGAAGAGAAACAAGAATCTCTG  
ACACTTGTTGAGAATAGAGCACAGTCCCATTGTTTGAAGAGACACCAGGTAGCCATG  
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CAGGCTGAGCTGGGCAAGATCTTCTCAGGACAACTCTGCCATGCGGCTAAAAGCCTGG  
AACTAAAGGATTTTCATGTAGTAACTATCTTCCAACCCCTGTAAGCATCAGACCACAGG  
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>SEQUENCE:310:prostate\_MPM2000-004P1Novel007-2-Table2  
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AAGTGCTCTCAGAGACTTTTTTTTCAGGGAAATGTATTTAGTAGTTTGAGTAGTTGATCT  
GCAAAAACCTTTAACTTTAATTAACATACATAGATGAATATTTTTTATTTTGAAATTTGAGA  
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GTGTCAGGTGCAAAGTCACTCATTCTGAGAAATTTTACTTCTGTAGCCATTACAGATTAAA  
TTTTTTAAAATAGGGAGTTGAACTCAGCTTGAAATTGAAGGCTTCCTATAATCTGATCCT  
AATGCATCTTCTCTGAGCTTTGCTTCTGGCAATTCACATTATATTATCTATATGAGTAAG  
CCAACTTGTCTATTCAATTATTCCAGGAATAAGTGATATACTCGTGTACCTCAATTAATT  
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>SEQUENCE:312:prostate\_MPM2000-004P1Novel007-2-Table2  
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AAAGTAATTTTAAAAGCCTGGAAAGTTAAATGAAAACCTGATATTATATACAATTAATTTA  
AAATTATAGTTTTACTCTGTTTATTTACAAATTTGCTAGATAAAACATAATCTCAGAAAA  
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TATAATATAGTTTATATATAGGGA

&gt;SEQUENCE:313:prostate\_MPM2000-004P1Novel007-2-Table2

CTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATAT  
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CCACATAATTTGGTTCAAGCCAAGAAACAAAGTCATTTTACTCTAAGATTTATTCTCTAA  
ATATAGTAATGAGATCTGTAAAGTCTGTGTTTTGCTAATTAAGAGTAAATCTGCGTAT  
TTTCTGCAGACTGCTTTCTTTGAATCTGTTTCTAAACCACAACCTTGATAAGTTTTTATGG  
GTAAGTGGGAATATGGTCAACACTGAGTTTTTCCAAGGGTTCCATCCAGGAGTATTTCAAT  
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&gt;SEQUENCE:314:prostate\_MPM2000-004P1Novel007-2-Table2

GTGATGGATATCTGCATAATTCGCCCTTACCGTGGTCACGGCCGAGGTACATGGGACTAC  
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TGTTGGCCAGGATGATCTTGATCTCTTGACCCCATGATCCGCC

&gt;SEQUENCE:315:prostate\_MPM2000-004P1Novel007-2-Table2

TGTGATGGTTATCTGCAGAATATGCTCCTTAGCGTGTTTCGCGGCCGAGGTACAAGGACAC  
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TGAAGAAACGCCTGGCTAGAGGTGAGGGTAAGCTGTTAATTACACTGATTACAGTTTGTG  
CCTCTCAGACTGAGAAGCTTTTTCTTCTTGCTGGGGGCATTGCTATCTCTAGGATGTTAG  
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&gt;SEQUENCE:317:prostate\_MPM2000-004P1Novel007-2-Table2

ATACTACTCACTATAGGGCGAATTGTGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTG  
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AAGGAAGCTTTAGTAATGAAAGGATTGCTGCCAAAATCCTGTTTCCCCCTTGACAGATCTT  
ACAGAAAACAGCACAGNAATCCCAAGGCATCAGCACCAAGAGAGCCTGTAGAAACTATCT  
GGTCTAAGCTCCTGAAGCCCAGAGATAAGAATGACTTAGCCCAAGCTGCACAGCCTCTTA  
ACAGTCCACTGTTAACCCCAGAAACAGATGCATTTGAATCTGAAAGGAGACAGGAATCCT  
AATCCTACTGCTCAGGGACTTGCTGATTTACTTTGCTGTCTATTGGCCTTTCTGTGACAT  
GATTTTCTACCAAGCAAAGTCTTTTATTCAAGTCTCCAGAGATTTCTATTAAAGCGTT  
TGCTATTTGGCCACTTAAAAAAGACAGAAGAGAAGTAAACAGAAGCATATACCACACAAC  
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&gt;SEQUENCE:318:prostate\_MPM2000-004P1Novel007-2-Table2

CTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGG  
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GGAGAATCCCAGCAAGGTTTCTGATTGGACAATGGGTCCATGTCCTTGTGAAGTACTCCT  
CCTCCTGAACCTGCCCTGCTCTGTGACTTGCTTTTGACCACCAGCATGCTGCAGAAGTGA  
TGCCAGTGTGAACTTCTGAGCCGGGTCATAAGGAAGCCTTGCGGTGCGGCCTGGGTTCTT  
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&gt;SEQUENCE:319:prostate\_MPM2000-004P1Novel007-2-Table2

CGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAA  
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&gt;SEQUENCE:320:prostate\_MPM2000-004P1Novel007-2-Table2

CTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA  
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TGATTAGCCCACCCCAACTCAAAATCTGACTCCAGGGATGTTTTGTTGAAAATGTTATTT  
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GCAGGCCTGGGCCCTGGTTCCAACATCAAGAGTGACAGGGTGGTCTCAGGGATGTCCTG  
TGAGGGCAGCCTGAGCCACTAACAGGTCCAGTAGAGATGGTATTTTATCTTTAAAAAAT  
CTGTAT

&gt;SEQUENCE:321:prostate\_MPM2000-004P1Novel007-2-Table2

ACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCCAGCCGCCCGGCCAGGGTGATG  
GATATCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACTAAAAACGTGAAAT

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TTCCTCATCACTGAAAACACGCTCATCTGAAATCTCTGTAAAAAAGGATTTGGCTGTTGA  
AACTTGTTATCAATGCCTCTTCTCGTAGCCACCATGACAATAAATTTGGCTAAACATTTA  
AATTTACCCTCAGTTTTTGGTTTTCTTTAAAAAAATATGTAAACAAATGAACAGGAAATC  
TCTGCTTGTAAGAAAAATCTGAATATAACAGGGGAAGGTCAGCAGACGGTCACCGGGGAA  
AGCATCCAGGCATCTTGTCGCCTCGCTGGGCTGGCCGGGGCTCAGTCACTATCTGACTCC  
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>SEQUENCE:322:prostate\_MPM2000-004P1Novel007-2-Table2

ATACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCGCAGTG  
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GCAACCCTTCTTTGTGTAAGCTCTGAAGCTGAAAATATTGAGCCTTCAGTTATGAAGATTT  
CTTCAAATAGCTTTATGAATGTGCATTTGGAATCAAACAGTTATATGTGATAGTAGAA  
ATTTGACAGATCACTCAAATTTGCATGTGAAGAATATAAGCAGAGCATCGGTAGCACTA  
GTTGAGCTTCTGTTAATCATTTTGATGATTTATATCAACCTATTGNGAGTTCAGGTATTG  
CTTCATCTCTTCAGAGTCTTCCACCAGGAATAAAGGTGGACAGTCTAACTCTCTTGAAAT  
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TTTTAAAGCATGCAGGGAAAGAAAC

>SEQUENCE:323:prostate\_MPM2000-004P1Novel007-2-Table2

GCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCGCAGTGTGATGGATATCTGCAGA  
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ACCTTATCAAGTGAGCAGGCTTGGTGCATTTGACACTTCATGATATCAGCCAAAGTGGAA  
CTAAAAACAGCTCCTGGAAGAGGACTATGACATCATCAGGTTGGGAGTCTCCAGGGACAG  
CGGACCCTTTGGAAAAGGACTAGAAAGTGTGAAATCTATTAGTCTTCGATATGAAATCCT  
CTGTCTCCGTAAAAGCATTTTCATATTTACAAGACACAGGCCTACTCCTAGGGCAGCAAAA  
AGTGGCAACAGGCAAGCAGAGGGGAAAAGAGATCATGAGGCATTTTCAGAGTGCAGTGGCTT  
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>SEQUENCE:324:prostate\_MPM2000-004P1Novel007-2-Table2

ATAGGGCGAATTGTGCCCTCTAGATGCATGCTCGAGCGGCCGCGCAGTGTGATGGATATCT  
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AACCAATGTATTTTAAAGAAAGCAAAAGCTAAGTATTTGAAAACGTTATCTTTCTTCTAA  
CACTTGCTGTGAAAAGGGAGTAAATTCAGGCAAGCTAGTTGAAAACATTCTTTAAAATGG  
CCAGTAAAAGCAAACTCTTTGTGCTATACGGAACACTCGGGAGTATTACAAAACAGGG  
AGGGAGTAAAAGAATGGCCATTTCTCTATAACCAATTTGAAGACAGTAAAGTAGAAAATG  
TAATTTCCATTGTGCACCAAATACTCAGAACACAAATTAAGCAAAAACAAAATGGATGT  
GCACACCAAAACAAAGGTTTTTCTGTAGCATTTATATGAAGAGCATGTGTAAAACATTCT  
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>SEQUENCE:325:prostate\_MPM2000-004P1Novel007-2-Table2

CTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCGCAGTGTGATGGA  
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GGCAAGCCCTAACTATTACAGGTTCCCATACAACCTCCTTCCCAGTAGGTAAATTTAGA  
ACTTATGAATAAGGAAAATAAGTCTCTAGCTTCTGCTTTTACTGAAGGAAGCCAAACATA  
GCCGCTAATACTATTCACCTCTTATTTCAAAGAGTGAATTGAAAAAGAAAATAAGTTATT  
TACTCCATTGCTATACTCTGAACCTTCTATAAATGGGTGCTAGAAAATCTTAATACATTAG  
TATTTAGCCATACTTTGTATTTATTTAATATGAACTGAACACATCTTGCAAGCATTCTCC  
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>SEQUENCE:326:prostate\_MPM2000-004P1Novel007-2-Table2

TAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCGCAGTGTGATGGATATCTG  
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GGAGACTCAGAGAAGACTTCATAGGAGACTCATTATTGTTTACTGGACATCAGGTGCTAT  
ATTGTATAGCATTACATTCCACAGGTGAGGAAACAGGCTCAGAGGAATAAGTGGCATGC  
CAAGATCACTGAGTATATCAGTAGCAGAATTAGGATTCAGACTTTGTTAGGCCTAACTCC  
AAAGCCCTGGCTTTTTTTTTTTTTTTTGGAGATGGAATCTTACTCTGTCACCGGGCTGGAG  
TGCAGTGGCATGATCTCAACTCACTGCAATCTCTGCCTCCTGGGTTCAAGAGATTCCCCT  
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>SEQUENCE:327:prostate\_MPM2000-004P1Novel007-2-Table2

ACACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCGCAGTGTGAT  
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CACCTCAATGTCTTTCACCCTCCAATTTTAAGGTGAAAATATCTAGGCTTCTGCCCTCTG  
CAACTGATTTCTATTGAGGGCCTATGGAGGTAAAATGACAATAATCATTGAATCTAGAAA  
GAAAAAGCATCAAGCACAAATTTACACGAACAATAGTTTCAGTTGACATTTAACTGAATGC  
TTCTAACTTATTTAATCTTATTAGATAGGCAGTGTTTTAATCAATTTACAGATGGAGAAA  
CCAGGGATGGTGCAACTTGCAAGTGGCAGAGCCCTGTTTATCTCCAAAGTTCCTGTTCCCT  
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TTTGAG

>SEQUENCE:328:prostate\_MPM2000-004P1Novel007-2-Table2

TATAGGGCGAATTGGGCCCTCTAGATGCATGCTTCAGCCGGCCGCCAGGGTGATGGATAT  
CTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACAAGGACACTAAGACAGTGTAG  
CCTGCTGACTTGAGAATGTTCTGTAAGGACTGGAAACACTAGAATCTTGAAGAAACGCCT  
GGCTAGAGGTGAGGGTAAGCTGTTAATTACACTGATTACAGTTTGTGCCTCTCAGACTGA  
GAACTCTTTTCTTCTTGCTGGGGGCATTGCTATCTCTAGGATGTTTGGCCTGAAGTCCTG  
ATAGTCTCTTTGGGGTTTTAATAAATGGCCGAAAAAATTGTTGTGGGGTTTCAACAGGCG  
TTCATAGGCACCCTTGCTTGGCAATATAACATGGCTTTTGATGTTTGGGTGTTGGAAGGG  
ATCTTTGGAGTGCTGAGAGGGACTCAGTCTTTTTCC

>SEQUENCE:329:prostate\_MPM2000-004P1Novel007-2-Table2

CTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA  
TATCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACCCTAATAAAGTAATCA  
ATAGAAGCCTGGATTGTTGTTGGAAAAAGTAAGGTAGGACCAAGAAACGGAAACCAACAA  
ATTGCCAAGCAAAGCAGTATGATAACACTAAAGGATATAACACAAGTCTGCCCTTCTGCA  
TTCATTTAGTGTCAGTTATAATTTCTTCCAAAGGAGACCTTGAATTTTTTAATTATGTTT  
TCAAATTACAACATTTGAAATGGTAACCTCTAGTTGAATACTCCTTCTTCTAGGGCGTTGT  
ATCTTCTAAGAAATGTCCCCCATTCCAGCTCTGTACGCGGGGGAACAAAATGAAAATGGT  
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>SEQUENCE:330:prostate\_MPM2000-004P1Novel007-2-Table2

GCGAATTGGGCCCTTCTAGCCGGCTCCAGTGTGATGGATATCTGCAGAATTCGCCCTT  
TCGAGCGGCCGCCCGGGCAGGTACGCGGGGACAGCCATGAACAGCACACTGAGGAGGAC  
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CAAAAGAAGTAGACAGAATCTCTGCCTCTGCTTAGGAGTATGC

>SEQUENCE:331:prostate\_MPM2000-004P1Novel007-2-Table2

AATAGGGCGAATTGGACCCTTGATCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATT  
CGCCCTTTCGAGCGGCCGCCCGGGCAGGTACGATCTTGGCTCACTGCAACCTCTCCCTCC  
CGGGTTCAAGTGATTCTCGTGCCTCAGCCTCTTGAGTAGCTGGGATTACAGGCGCGTGCC  
ACTGCGTCCGGCTAATTTTTGTATTTTAGTAGAGATGGGGTTTCACCATGTTGGCCAGG  
CTGATCTCAAACCTTCCTGACCTCATGTGGTTCCACCCACCTTGTGCCTTCCCAAAGTG  
CTGGGGATTACAGGCGTTGAGCCCAACCGGCGCTCAAGCCTAACAAGCCAATTTTTTTTA  
AAA

>SEQUENCE:332:prostate\_MPM2000-004P1Novel007-2-Table2

TATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATC  
TGCAGAATTCGCCCTTTCGAGCGGCCCGTCCGGGCAGGTACGTCTACTGTAAAAC

>SEQUENCE:333:prostate\_MPM2000-004P1Novel007-2-Table2

CACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG

>SEQUENCE:334:prostate\_MPM2000-004P1Novel007-2-Table2

AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGC  
AGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACCACTCCCTCACTTTCCAAAGAGAA  
GTAATTCCCAGCTAGGACCTTCCCTTGCTGGGAGGGGNGCCAGGTGTGGCCTCTCTGTG  
ACCTTGGACCCTGGCTTCGGCATATGCCAGCCTGGCCTTTCCCCAGGGTAGGGAGCTGGC  
ACCCTGGGCATTCCCCGGCCAGCATCCAGCCTTCTTGGGCAGGGCCTTTCCACACCATTC  
CTCCCAAATCCTCACTGGCCCAACCTGGAACAAATGCAGGCGGAAGCTCGCATCCCCACC  
TCTGCTGTTTCTGCTGGGTCCCCAAAGAGCTTTCTTTAGGGAAAAAGAAAGCAGGCCAGT  
GCCTGCTTCTTTTAGACCCCCCAGTGGGGCATGGGGTGGGCCTTGG

>SEQUENCE:335:prostate\_MPM2000-004P1Novel007-2-Table2

GCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGT  
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AGTGGGAGCCCCCTTTGCAATCACTTAAATTAGAAGTGATTTGCAACGCTTAGGTTAAGG



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AGAAGAGCGGGCTGTGTCATTAATGCAGGAACTTAGGGTATCCAGCGGGGTCCAGTCAGG  
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GATTGGGTTATAAGAAGTAATGATATGTGAATTATATCTCAATAAAGCTGTTATCTTTAA  
AAAAATAAATAAAAAAGAAATAAAGAGGACCCTGAAGAATATAGGAGCCAGGAACAGTGG  
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>SEQUENCE:336:prostate\_MPM2000-004P1Novel007-2-Table2

AGATGCATGCTCAAGCGGCCGCGAGTGTGATGGATATCTGCAGAATTCGCCCTTAGCGTGG  
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TTCCAGTTACTGACTACTATAATTAATACTACTACACATATTTTTGGGTAACCTTTTGGG  
TGGGCATAAGTTCCGTTTCTGTGGGATAAATGCCAGGTCTCCAGGTTCTTATTTGGCC  
TCTGTTGACTCTCAAGTTGTAGCAGGGAGTCTGTCTCCAAGTCTAGGGTTGGGACTTCC  
AACTCCACACGAGGTGTCTGCTGGTAAGTCACTGACTGCGATGGATATGAGTGCCTTGTC  
ATGGCTCCCTAAATGGCCTCTACTAATAATACCACCACAAGTACCAACACTACTAAAGTC  
ATGTGGACTCTGCTAACAGTAAGGTGGACTCCTTACCACCCAGTGAGAATGAAACTACCA  
ATTCCTTACTCAGCTTTCCCAGACGTTACCCTGGAAGGAAGGGTGAGTGCCTTGCCACAG  
TCAGGCATGAGTGGAAGCTTGGCTTCCCCACTTGGCTTTTGCCATGGGTGGGGTAGAGC  
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>SEQUENCE:337:prostate\_MPM2000-004P1Novel007-2-Table2

GGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAG  
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TTCTGATCACTCTAGGACCGGTTGAGACTTTTTCTGTAACAGTTTCCTACCTTTTTAGGC  
AACCATCTGTAAGACAAGGTAGAATGCTACCATAACCATGATTAACATTTGCAAACACTC  
TGCCACAGTGCAGCCGCTTTCTTTGTCTCCAGCTGAAGAAATTGAGGTGCACAGAGGTTA  
AATTTGATGCTCAAAGCAATACAAGTAAAGTAAATATAGGAGGCTGGGCTGCCTGATTGATT  
CCCAGCTTAGAGATTGAAAGTCACATGCGAAGCGCTTTAGCAGATAGAGAAGGGGGAGTC  
ATACTCCAGCGTGCATTTTAGTTT

>SEQUENCE:338:prostate\_MPM2000-004P1Novel007-2-Table2

ATACACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
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TGTTAACCCTCCTCTCCAGTGCTGAAAACTCAAGACAAGTAAAAGACACATTTTTAAT  
TAACATTTGGAAGATGGCTTTTGTAGTTAATAGCAATTGTTAACTCTCAAAATAAACAG  
GAAATAGTGCCACTTAGCAAGTTGGATGTTCCAAACCCAAAAGTAATGGGCCTTAAGAAA  
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>SEQUENCE:339:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
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TAGTGCATAGTTGGTGCCCAATTAATACATGATTGGATTATAGCATAATCACTGATCACT  
ACATTTAAAGCAGTCCAATAGTGGAACAGGCTGCCTCACAAATAGTGAGCTCTCGTTTCC  
TCTACACAGATTCTACTATGGGCCAGGATCTCAGCCAAGCAGTGGAGCCAGAGGCTGGAC  
AGACACAAGCAGAGATTTTGGAAGAAAGACTGAGTCCCTCTCAGCACTTCAAAGATCCCTT  
CCAACACCCAAACATCAAAGCCATGTTATATTGCCAAGCAAGGGTGCCTATGAACGCCT  
GTTGAAACCCCAACA

>SEQUENCE:340:prostate\_MPM2000-004P1Novel007-2-Table2

TACACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA  
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TGTTTGAGGTCCAACTGAAAACCCATCACCTCCTTCCCACTGCTATAGCAGCGTTGGCC  
CTGGGGTTTATTATCTAGCCAGTTTACACCTTCTTAAAGGGGGGCTCTGAAAATGTCTTA  
CTTCCCTCACAGACAAAGCAATTCTCAAGCCTCCTGAGATCACCCACCAACCAGAGCAAC  
TGCTGTCACTTGGAGGTGCAGCTGAATTCTTCTAATTGTGACACAACTCTTGAACTGT  
AAATGCTGAAAGATTAAATGAGGTTATAACACTCAGAAGGTTTTACAAGTAAAGTAAGT  
CAAATCAATAGGTCTTTATTTATATCTGTAATGGTTT

>SEQUENCE:341:prostate\_MPM2000-004P1Novel007-2-Table2

TATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATC  
TGCAGAATTCGCCCTTTTCGAGCGGCCGTCGGGCAGGTACGCGGGATTATTGAAGTGACA

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GAAATGTTGCATAATGCCAGTTTACTCA

>SEQUENCE:342:prostate\_MPM2000-004P1Novel007-2-Table2

CTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA  
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CAAATATTTAAACAACCTTAAATATAAAATATTCACCTTATATTTTTAATGGATGTGGTATC  
TCAATCCATTTGTGTCACTCCAGATCACAAACATAATTTCTTAAGTAAGATGCATATTGAG  
TCATGTAAGTAACACATAAAAAGTTATAAAATAAATTGTGATCACACTTGGGCTAAATAT  
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>SEQUENCE:343:prostate\_MPM2000-004P1Novel007-2-Table2

GCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGA  
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TTTGATAGGCCTTCTGACAGTAGCCATATAGATAAATAGAAGTTTTCGTTGGTTTAGTG  
GCAAACTGAATTCTTAATGTAGGTATACAAGTTAAATATGATGGTTAGAAATGAAGTTT  
TCTGAAAGTAGTTCGTTGTATGCTCCCTAAAAGAATTAGCTTTATATTTATCTTAAGAAT  
ATCTCTAAACCTATGCAAAAATATGGCAAATAGTCTTCTTTCCATTAGTCTAGTTCAACA  
AAATCTGACTCAGAGACAGTAAAGAAAGGGCAAGTAGAAGATCTAATGCCAACTAAGAAG  
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TATGATGCACAAGTCAAAGAACATGTGGCATTTCCAAAGAGTATTAAATGCATGTTACTT  
TTTTATAAAAATAAGATAAATGAGATTAATGGGCTTGGAACTGCAATCTTGGTAAATAAA  
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>SEQUENCE:344:prostate\_MPM2000-004P1Novel007-2-Table2

ATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTC  
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AGCCACCCAAGATGATGCCTATTTTCAGTGTGATGTATTGAGGCAGGGAAAAGGTTTAC  
TTGGTGGAACTCCTGTTAGAATTTCAATTCGGGGTGGAAAGAATCTTCTCGAGCTCTCTG  
TAAGTGAGGATCTAAGAATAAAAGGCTCAGCCTAGTCATTTTTTTCTGTGCCCTACTGTA  
TGAGTTGGGCAGAATTGAGTGCCACCTAAGCCGGGCTTCTGTGTGCCAAAATGCTGGTGG  
GTGAAATTAGTGAAATTCTTTCTATTCAATTCCTTTGCCCTTCTCCCAAGAAAACCCATGG  
GGAAACAAATTACAGGGGATGAATTCCTTTAGAACTTTCCCTACTT

>SEQUENCE:345:prostate\_MPM2000-004P1Novel007-2-Table2

ATTGGGCTTTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGTTGGATATCTGCAGAATTC  
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TAGAAGCAGTTTAGATTTGGAATGCTGATGGTAAAATGAAAAGTAATAACCCTCCAACCACA  
ACCTAGTCAGGGTATTAATAATTATATGTAGCAAGAAAACAAAGAAGAAAATAATATTGA  
AAAAATGGAGATTCCCCAACCAGTTTCATATTTGAAGGATCTGAGTTGTATTTTTATTAA  
GGAAATTTTTTTCTGAATACTGTCTTCCAAAATGTTAACATTAAATCTGAATCAGAGG  
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>SEQUENCE:346:prostate\_MPM2000-004P1Novel007-2-Table2

GGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGTTGGATATCTTGCA  
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TCTTCCCATCCCTCCAGCCTTATCTGTCATCACCATCAACCCCTCCCATGCACCTAAACA  
AAATCTAACTTGTAATTCCTTGAACATGTTAGGCATACATTATTCCTTCTGCCTGAGAAG  
CTCTTCTTGTCTCTTAATCTAGAATGGTGTAAAGTTTTGAATAAGTTGACTTATCTTA  
CTTCATGCAAAGAAGGGACACATATGAGAATTCATTATCACATGAGACAGCCAAATACTA  
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>SEQUENCE:347:prostate\_MPM2000-004P1Novel007-2-Table2

CGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATATCATTTCC  
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CTAGTTAAGATGAGCAGTTCTGGATACAGCATCACTGGGTCTCAAAGTTCCGTGTCTACC  
AGGGCCCAGTAGCACAGCAGAGGCTGTTTTTCAAAAAGCATATGATCCTCTCCTGTGGTT  
AGAACCACCTTCCTTCAGGGCCCCAGGGACCTGCACTGGGATTCTTTCATTGGGCCTTGT  
CATCTATTCCACACTGCATCTTCTTTCCCCCTACCTCCAATACATAAGATCTGCCACATC  
ACATAATTCAAGCTGCTAATTTCC

>SEQUENCE:348:prostate\_MPM2000-004P1Novel007-2-Table2

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GCGAATTGGAGCTCCACCGCGGTGGCGGCCGTGAACATATTTTTTGGGTTGCTGGAGTTC  
ATCTATAAGTCATTTTTGAGGAATAAGATTTATGTTAAGACTATCAAACACAGTGTTGCC  
TACAATAGCAAAAATGTGAAAATAACAACAACAACAAAACAGCAGAGGAATTGTTATGTA  
TTTTGTAGTCTATCTATATGATGCCTATTTTTAGGCTTTAAAAAGTCTTCAAATCTTTA  
ATGACTGATTTATCTAGTTAAATGCTTAATCCTTAGCAGGCTCTTATTCTTTAATTAAAC  
GTGCCTTTGAGTAGATGTGAATAAAATAAAAAACAAGTTTCGAAAAAAAAAAAACTAAAAA  
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>SEQUENCE:349:prostate\_MPM2000-004P1Novel007-2-Table2

TGGCGGCCGAGGTACCATTGGTAATAGGAAAATGCAAACCTAGGTGTCTTTAACGGAAA  
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GTTGGTAAGAACAACCTATTTTTATGAAAGCTGACATCAAAGTCTCACTGGAACATTGTAG  
AGGAGAGGTTTTCTAGGCATGTGGAAATGCAGTAAGAGGCATGGGTAAAAGCACCTTTTA  
GTTTTAAGGAATTAGGTTAAAGAATTAGCTGCATGCTTGAGTGTTTATTTTGGTTATTT  
CTGATATGCAGTTCTGAACCTCAGGAATAATTTGTTATCTAACTAAAATAGTAAGTTTAA  
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AAAATGCA

>SEQUENCE:350:prostate\_MPM2000-004P1Novel007-2-Table2

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATAGAATATGAACACAGCACACA  
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TCTTAAGAATAAGCAGATATGAGAAGGAGATGAGAAGTGAGTCCAGGCCAATGGCGGAGA  
TGATGACGATAAGGCCATAGACGACATTGACCCGGATATCATCACAGGCCAGCTTCATGA  
CATCTTGGTGTAGGCAGTAGGAATGGGAAAGGATATTGGAGCGGCAGAAGGGCAGCTGCT  
TGATGAAGACAGGAAGGGGTGCCATCAGTGCAGCCCCCGCACACAGCAGCCACACCAA  
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>SEQUENCE:351:prostate\_MPM2000-004P1Novel007-2-Table2

AGCTCACCGCGGTGGCGGCCGAGGTACCCTGAGGCCTGCCAGTTCCTGCCTTAATGCATA  
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GCATCTTCAAGACTGTGTGAGTAATCCTGATATTTTTTTTTAAGCTCAGTAAATTAATTA  
CATGCCCTGGGAGGGAGTGATTGTAAGTAGAAAATACTGAACTAGCAGATGATTCGTTTT  
TAAGGTGCTATACTATGTGTATCAAGTTCAAGACGATGAATCTTAAAGCTTCTAAGAACT  
GGCAGGGTTATTCCAGCTTTGTGCCCC

>SEQUENCE:352:prostate\_MPM2000-004P1Novel007-2-Table2

GGCGGCCGAGGTACTTTCTTTATTTACTTGTATTTATTTCTCTAGTTCTTGAACCCGCG  
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TCTCCTTTTGTAGGGGATTTCGAGACATATTTGTAGCTACTTCACGGCTGTAGAGTTAGTG  
GGTGATCGGGTATTCTGCATTGTTCTTATCCCTTTGTCAGTGACAGACACATTGACATA  
AGAGATTCCTACAGGATTATAAGGAGAGATAAATTATTAACCATTTTTTTTACTTGATCCA  
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GTAAGTAT

>SEQUENCE:353:prostate\_MPM2000-004P1Novel007-2-Table2

GGCCGAGGTACATAAAGGTTACCGAGGACAGTTTTTGGTGGAATGATGTTGGCAGACGCTT  
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CAGGAAGTTTAGCTGTGTAAGTGAACACAGAGATGAGTGGTCACTAGAAGGAGAGGTTGAG  
CCAAGAGGGGAATGATGGGAGAAGTTATAATATGTTGATGGTCAAGATAGAATGACTGATT  
AAAGGGGAATTGCTGGGGCTCTGTTCTGAGTAGGCAAGAGCAGGTGAGATAGAAGACAT  
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>SEQUENCE:354:prostate\_MPM2000-004P1Novel007-2-Table2

TAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACCAGCTTTATATA  
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TTTCAGACTTTAGCAAGCATCAGAGTCACCTGGAGAGGTTGGTGTATCACAGATTGTGGG  
TCCCACCCTCAGAGTTTCGGAATCAGTAGGTCTGGGGCGCACCTGAGAAATCTGCATTT  
CTTAGAAGTTTTAGGTGATGCTGATACTGCTGATTGGGGTTCCACACTTTGAGAAGCACT



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AGTCTAAAGGACTGTATGGCTTGTTGTAGTGAAATGAAAG  
>SEQUENCE:355:prostate\_MPM2000-004P1Novel007-2-Table2  
AGGGCGACTTGGAGCTCCTTCGCGGTGGCGGCCCGCCGGGCAGGTACAAGATTTCTTAGG  
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CGGCTTTCTCTGGACCTGTGCGCGGGATGTGATGACTATGGATGGTCTTCTCTATGATCT  
CACAGAAAAACAAGTATATCACATCGGAAAGCAGGTCCTTTTGGCGCTGGAATTCCTGCA  
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>SEQUENCE:356:prostate\_MPM2000-004P1Novel007-2-Table2  
AGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCGAGGTACCTACCTTGGCCTGGGGTAA  
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AGATGTCATGAAGCTGGCCTGTGATGATATCCGGGTCAATGTCGTCTATGGCCTTATCGT  
CATCATCTCCGCCATTGGCCTGGACTCACTTCTCATCTCCTTCTCATATCTGCTTATTCT  
TAAGACTGTGTTGGGCTTGACACGTGAAGCCCAGGCCAAGGCATTTGGCACTTGCGTCTC  
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>SEQUENCE:357:prostate\_MPM2000-004P1Novel007-2-Table2  
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GCGGGCCTAGCCTAAAGCACTTGACTGACCCCTCTTATGGAATCCCGCGGGGAACAGCAAA  
AGGCAGCGTTGCAGGAGCTGACGCGGGCGCACGTGGAGTCCTTCAACTACGCTGTGCACG  
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>SEQUENCE:358:prostate\_MPM2000-004P1Novel007-2-Table2  
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TTCTGACATTAAAGCCATCAGTAACTGTAGCACA  
>SEQUENCE:359:prostate\_MPM2000-004P1Novel007-2-Table2  
TTGGAGCTCCACCGCGGTGGCGGGCCCGCCGGGCAGGTACTTAAAGCATTATTCCGTATTT  
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CCCAGTCTTAAATTAACAAATCTGGGTTCCCTTAACTATCAGGTTTATGTTGGTTTTATT  
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GCTGCATGAATTCGATATCAGGCTTAT  
>SEQUENCE:360:prostate\_MPM2000-004P1Novel007-2-Table2  
CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGTCCTGGGCCTCGGACTA  
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AATTCAATCTCTCTGAGACTTTGTTAGGTGTAAAAATGTTAATCAGAAATAATTATAACA  
ACAATAGTTTATTTACAGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAG  
GAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAGCTT  
TTGTTCCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCC  
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TAAAGCCTGGGGTGCCTAA  
>SEQUENCE:361:prostate\_MPM2000-004P1Novel007-2-Table2  
GTGGCCTCGGGTAACCAAAATTGGTGTGGCTGCTGTGGTGCAGGGGGGCTGCACTGATGGC  
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CTACTGCCTACACCAAGATGTCATGAAGCTGGCCTGTGATGATATCCGGGTCAATGTCGT  
CTATGGCCTTATCGTCATCATCTCCGCCATTGGCCTGGACTCACTTCTCATCTCCTTCTC  
ATATCTGCTTATTCTTAAGACTGTGTTGGGCTTGACACGTGAAGCCCAGGCCAAGGCATT  
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>SEQUENCE:362:prostate\_MPM2000-004P1Novel007-2-Table2

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ATACACTATTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAAAATAAA  
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CAGATAGATTGGTAGTATGGATATTTGTATTAAGAAAGATGCAGAGGGATAGAGGTGAGG  
AGAACCAAGCGGAAATGCTGAAATAATATAGGAAGTCGGAAATTAATAGAAGTAGCAGAT  
AATCAATATTTGTAGTGAGTTAAAGTATATCCTTTCTTCTTACATGTTAGCTAACAACG  
GCTTAAGAAAAATTGGTGCTTAGCATGAAATTGGAATTTGGAATTGCTAAATTCTTTCT  
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TTCATTAGCAAAGTGGTTATTTGG

>SEQUENCE:363:prostate\_MPM2000-004P1Novel007-2-Table2

GGCGGCCGAGGTACCATTCTTATCTCAGAATTCTAGCAACCATCTGNAGAAGCAGTTTAG  
ATTTGGACTGCATGGTAAAATGAAAAGTAATAACCCTCCAACCACAACCTAGTCAGGGTA  
TTAATAATTATATGTAGCAAGAAAACAAAGAAGAAAATAATATTGAAAAAATGGAGATTC  
CCCAACCAGTTTCATATTTGAAGGATCTGAGTTGTATTTTATTAAGGAAATTTTTTTC  
TGAATACTGTCTTCCAAAATGTTAACATTAATAATCTGAATCAGAGGACTCTGAATGGAAA  
AGAAGTTTGATCACTGACACCTAGGGCTCTGAAGCGTGTGTGGCCACATGGAAAAGTCGA  
AGGATGCGCTGTGCAATCTCCTTTTGTCTTCACTCCATAGACAA

>SEQUENCE:364:prostate\_MPM2000-004P1Novel007-2-Table2

GAATCGGAGCTCCACCGCGGTGGCGTGCTTCTTTTGACCACACAATTAGAATTCATGGTT  
TAAAATCTGGGAAAACCTGAAGGAATTCGTGGCCATTCCTCCTTTGCTAACGAAGCAA  
CATTTACACAAGATGGACATTACATTATTAG

>SEQUENCE:366:prostate\_MPM2000-004P1Novel007-2-Table2

TACACTTCTATAAGGCGAATTGGAGCTTCACCGCGATGGCCGCCGAGGTACTCTTGGCTT  
TGCTGATTGCTTCCCTGATGCTGCTTTTGTCTCCTTCATCCTGTTTTCCACAGGCTTTT  
TCTGTTGATTCTCTACCTTGCTATCCCAACACATGTGTCACCAACCTTAGATTCAGGGA  
TAGGATCCTCCACTTTTGGCCACTTAGATGCTGCATTTCCAAACATTTTCATATTCTTCAG  
TTGGTTCTCATCCTCAGTGCTCGTCTTCAAATGTGACATGGCTGTGGCGGCGCCGCGGA  
AACCCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTA  
TCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCCTTTAGTGAGGG  
TTAATTGCGCGCTTGGCGTAATCATGGTC

>SEQUENCE:367:prostate\_MPM2000-004P1Novel007-2-Table2

ATATGGCGAATTGGAGCTCCACCGCGGTGGCGGCCAGGAACCGTAAAAAGGCCGCGTTGC  
TGGCGTTTTTCCATAGGCTCCGCCCCCTGACGAGCATCACAAAATCGACGCTCAAGTC  
AGAGGTGGCGAAACCCGACAGGACTATAAAGATACCAGGCGTTTCCCCCTGGAAGCCTCC  
CTCGGTGCGCTCCTCCTTGTTTCCGACCCCTGTCCGCTTAATCCGGAT

>SEQUENCE:368:prostate\_MPM2000-004P1Novel007-2-Table2

TAGGGCGAATTGGAGCTCCCCGCGGTGGCGGCCGAGGTACCTTTGGTTTGTGAGTTTGAT  
AGGGAAAATTAAGACACCTCTGAGGAAAATACAGAAAGTGGTTTTATTTAAACCACTCC  
TGGTTGACAATTGAACAAAAAGATTGTATTTAAATGGAACTGCAATCTTTGTATTGTT  
TTTCTACTAAGTAAAAAGGTCAGACTTGGATATGGTACCTGCCCGGGCGGCCGCTCTAGA  
ACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTC  
GAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCCTTTAGTGAGGGTTAATTGCGCGCTTGGC  
GTAATCATGGTCATAGCTGTTTCCTGTGTGA

>SEQUENCE:369:prostate\_MPM2000-004P1Novel007-2-Table2

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACCACTTG  
GCACAATGCGAGCTACAGGAGACTTTGTGACTGTGAAAGATGGAGAGATTTTTTTTTTG  
GACGAAAAGACAGTCAGATCAAACGTCATGGCAAACGTCTTAACATTGAACTTGTGCAAC  
AGGTTGCTGAAGAGCTTCAGCAAGTGGAGTCTTGTGCAGTTACATGGTATAATCAGGAAA  
AATTAATTCTCTTCATGGTGTCTAAAGATGCTTCAGTAAAAGAATACATCTTTAAAGAAC  
TGCAGAAATATCTTCCAAGTCATGCAGTCCCGGATGAGCTTGTATTGATCGATTCTCTAC  
CATTTACATCCCACGGCAAAATTGATGTTTCTGAGTTAAACAAGATATATTTAAACTACA  
TAAACTTGAAGTCTGAGAATAAGCTCAGTGGGAAAGAGGACCTTTGGGAAAATTACAGT  
ATTTGTGGAAGTCTACTCTGAATCTCCAGAAAGATCTTTTGAGGGTTCTGATGAGTCAC  
TCTTCTTAAATAGTGGGGGAGATTCTTAAAGTCCATCCGGCTCCTCAGTGAGATTGAAA  
AACTTGTTGGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGA  
TATCAAGCTTATCGATACCGTCG

>SEQUENCE:370:prostate\_MPM2000-004P1Novel007-2-Table2

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CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACCTGCA  
G  
AATCTCCTCATTCCCAGCAGCCTCTCCTCATGGCTCCAGGTTTCAATCACTTCTCTTGCT  
GATCTGTTATTCACAACCGCACAGTTCCTTGACCTCCCCATTTCCACACCAAACCCCATC  
CTTCTGGAGAACTCAAATCAGGGGAGCCTTCCAGGGACACAAAGTGAGAGGACTCCCCTT  
CTTGCTGCTAGGGTTGCAGCAGAAGACAATGTGGTCTCGCTAACCCAGGTGGAAATAATA  
TGTTTTCTAGTTTTTAAACAGCATCTGTACCTCGGCCGCTCTAGAACTAGTGGATCCCC  
CGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGG  
TACCCAGCTTT

>SEQUENCE:371:prostate\_MPM2000-004P1Novel007-2-Table2

GCGTAATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGTCTCTGTC  
GATAACTGCCGGGCTGTCCAATCTTCCCCTGATAGAAAGGCGCCTGGGGGTGAGCCTGA  
AGAAGCTCTGGAGGGAAGAGGCGGCTGTTTGATTGAGAGCCTCCTCGCTGGGCTGGAATT  
AACCTGGCTCTTTCTCTAATGAACTGACTCCAAGGGTCCCTGTGTGCTAGAGATTCAAT  
GGCCCTTAGGAGAAGCAATGATGAGAGGTAATATTAAAGCAGTGTACCTCGGCCGCTCTA  
GAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACC  
TCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTG  
GCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCCACAC  
AACATACGAGCCGGGAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTAACTC  
ACATTAATTGCGTTGCGCTCACTGCCCGCTTCCAGTCGGGAAACCTGTCGTGCCAGCTG  
CATTAAATGAATCGGCCAACGCGCGGGGAGAGGCGGTTTTCGTATTGGGCGCTCTTCCG

>SEQUENCE:372:prostate\_MPM2000-004P1Novel007-2-Table2

TCACTATAGGTCGAATTGTAGCTCCACCGCTGTGGCGGCGGTAATACGGTTATCCACAGA  
ATCAGGGGATAACGCAGGAAAGAACATGTGAGCAAAAGGCCAGCAAAAGGCCAGGAACCG  
TAAAAAGGCCGCGTTGCTGGCGTTTTTCCATAGGACTCCGCCCCCC

>SEQUENCE:373:prostate\_MPM2000-004P1Novel007-2-Table2

TAGGGCGAATTGGAGCTTCCCCCGCGGGGGCGGCCGAGGTACTAAAGTCAAAGAGGAAA  
GCCATGAACAGTCAGCAGAACAGGGCAAGAGTTCTAGCCAAGAGCTGGGATTGAAGGATC  
AAGAGGACAGTGATGGTCACTTAAGTGTGAATTTGGAGTATGCACCAACTTGAAGGTTCC  
TGCCCGGGCGGGCCGCTTCTAGAACTAGTGAATCCCCCGGGGCTGCAGG

>SEQUENCE:374:prostate\_MPM2000-004P1Novel007-2-Table2

ATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCAACTAATATATTTCTTTTTTTTTCT  
TTTTCTTACCTATTAACCCACTAAAATTTCTAATCTAAAAGCAATATTCAAGTTACATTT  
TATTACAGAAATTGGAAAGCAATTTGCCTGGGAAGCAAAATGTTGATATGATTCACGTGA  
TTTAAACATTAATCTAACTTGTAACAAACAACGGATTATTTATAGATAAATAAATTGAG  
ACTATTATTTGCATAGCACAGAAAGTCAAACATGACCCACACATTTATGCACATATAATT  
AATTTCAATAAAATGTTTATATTTATTTTGAATAAATAAAAAAACATAAGAAATCATTA  
AGGTACCTGCCCGGGCGGGCCGGGTTTAAAA

>SEQUENCE:375:prostate\_MPM2000-004P1Novel007-2-Table2

ATTTTTTTTAGAAAGACGTGCGACGCGCTATACTACTACTATAGGGCGAATTGGAGCTC  
CACCGCGGTGGCAGCAAAAGGCCAGCAAAAGGCCAGGAACCGTAAAAAGGCCGCGTTGCT  
GGCGTTTTTCCATAGGCTCCGCCCCCTGACGAGCATCACAAAATCGACGCTCAAGTCA  
GAGGTGGCGAAACTCCGACAGGACTATAAAAGATACCAGGTCGTATTCCCCCTGGAAAGC

>SEQUENCE:376:prostate\_MPM2000-004P1Novel007-2-Table2

TACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACGC  
GGGACAGTCACAGTTAACATCCTCATTCTCAATCCTACCCATGATGCAGACAGATTACCT  
CATTTGAGCTCAATAAGACATCACCAATTCCCTTAGGCAGAAAAAGGGTGGGGAGTGCC  
CTTTCTTGAAGGAATCCCTTAAGTGCACGTCTCCCGTTTTCTTTTCACATCAATGCAGAG  
TCCCTCTGTGAATTTACAACACCCAACACCCATGAGTTCAGTCCTTAAGAAGGAAAATTG  
AGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATCCAGGCTAACTCTAG  
AAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTTCTTCTGTGAGAGGACCATTCTTAGTG  
GCACTGGGGAAATCTTGGC

>SEQUENCE:377:prostate\_MPM2000-004P1Novel007-2-Table2

CTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACATAGA  
ATATGAACACAGCACACACATGAGAGACGCAAGTGCCAAATGCCTTGGCCTGGGCTTCAC  
GTGTCAAGCCCAACACAGTCTTAAGAATAAGCAGATATGAGAAGGAGATGAGAAGTGAGT



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CCAGGCCAATGGCGGAGATGATGACGATAAGGCCATAGACGACATTGACCCGGATATCAT  
CACAGGCCAGCTTCATGACATCTTGGTGTAGGCAGTAGGAATGGGAAAGGATATTGGAGC  
GGTAGAAGGGCAGCTGCTTGATGAAGACAGGAAGGGGTGCCATCAGTGCAGCCCCCGCA  
CCACAGCAGCCACACCAATTTTGGTGACACGAGGCAACGTAAG

>SEQUENCE:378:prostate\_MPM2000-004P1Novel007-2-Table2

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTAAATGCTGTGT  
AAGTAGACGTTAATCTGGCTGGAACCATGGGAAGCACTTTGCAGTGTTCAGAAGAGAGGC  
TCCATTTGTGGTTATTATGTAGAACTGGGCCAGAGCCAGTCCATTGCCTGTTTTTTAAA  
TAAGGTTTTACTGAGCACAGCCACACTCATTTGTTTATGCAGTACCTGCCCCGGGCGGCCG  
CTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGT  
CGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGC  
GC

>SEQUENCE:379:prostate\_MPM2000-004P1Novel007-2-Table2

GGGCAAATGGAAGCTCCACCGCGGTGGCAACATACGAGCCGGGAGCATAAAGTGTAAGC  
CTGGGGTGCCCTAATGAGTGAGCTAACTCACATTAATTGCGTTGCGCTCACTGCCCCGCTTT  
CCAGTCGGGAAACCTGTCTGTGCCAGCTGCATTAATGTAATCGGCCAACGCTGCGGGGAGA  
GGCGGTTTGACGTATTTGGGACG

>SEQUENCE:380:prostate\_MPM2000-004P1Novel007-2-Table2

CGTAATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAAA  
TTGTTCCCTTGAAATGACTCAGAGACATTTTCTGAATTGGCTTCCATCAGCCAGGCATTTC  
TTCAGAACTGGAAAAATGCTTTAAATTTGGCTTTGTCTGATTATTAACACTCTGTAC  
CTGCCCCGGGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAA  
GCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGT  
GAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTT  
ATCCGCTCACAATTCCACACAACATACGAGCCGGGAGCATAAAGTGTAAGCCTGGGGTG  
CCTAATGAGTGAGCTAAC

>SEQUENCE:381:prostate\_MPM2000-004P1Novel007-2-Table2

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCAGGGTGCGGTAGACGCTGG  
C  
GGCCGAGCCCGTCGCCAGGCCGAACCTGCGCCACCAGCTGTTTCGCCTGGCTCTAGAACTAG  
TGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGG  
GGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAAT  
CATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATAC  
GAGCCGGGAGCATAAAGTGTAAGCCTGGGGTGCTAATGAGTGAGCTAACTCACATTAA  
TTGCGTTGCGCTCACTGCCCCGCTTTCCAGTCGGGAAACCTGTCTGTGCCAGCTGCATTAAT  
GAATCGGCCAACGC

>SEQUENCE:382:prostate\_MPM2000-004P1Novel007-2-Table2

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGGGAGCATAAAGTGTAAGCC  
TGGGGTGCCCTAATGAGTGAGCTAACTCACATTAATTGCGTTGCGCTCACTGCCCCGCTTTC  
CAGTCGGGAAACCTGTCTGTGCCAGCTGCATTAATGAATCGGCCAACGCGCGGGGAGAGGC  
GGTTTGCGTATTGGGCGCTCTTCCGCTTCTCGCTCACTGACTCGCTGCGCTCGGTCGTT  
CGGCTGCGGCGAGCGGTATCAGCTCACTCAAAGGCGGTAATACGGTTATCCACAGAATCA  
GGGGATAACGCAGGAAAGAACATGTGAGCAAAAGGCCAGCAAAAGGCCAGGAACCGTAAA  
AAGGCCGCGTTGCTGGCGTTTTTCCATA

>SEQUENCE:383:prostate\_MPM2000-004P1Novel007-2-Table2

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGAGGTACATCTAGAGAACAT  
TTGCCAAAGGCCTAAGCACGGCAAAGGAAAATAAACACAGAATATAATAAAATGAGATAA  
TCTAGCTTAAACTATAACTTCTCTTCAAGAACTCCCAACCACATTGGATCTCAGAAAAA  
TACTGTCTTCAAATGACTTCTACAGAGAAGAAATAATTTTCTCTGGACACTAGCACT  
TAAGGGGAAGATTGGAAGTAAAGCCTTGAAAAGAGTACCTCGGCCGCTCTAGAACTAGTG  
GAT

>SEQUENCE:384:prostate\_MPM2000-004P1Novel007-2-Table2

TATACTACTACTATANGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGAGGTAA  
CCTGAAGGAACGAAGAAGAGGGATTCTCAAGGTGAGAAGCAGTTCTCCATGGACACTGA  
TGACAGCACAGGCAAAGTTTCTATGACTAGGGATCACTGTCCACACAGAGTCTGGCTTC  
CCAGGTATCCAGCAGGTAGACAAAACAGCTAACTCCACTGCCACTCCTTTCTCCACATCC

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GTTCTATTTCTCAGCCATCTCAGTGACATCCGCCATCTTGAGAGTCAACTACTGACTGG  
ACTGAGTTGTGTGGTATATGCTTCTGTTTACTTCTCTTCTGTCTTTTTTAAGTGGCCAAA  
TAGCAAACGCTTAAATAGGAAATCTCTGGGAGACTTGAATAAAAGACTTTGCTTGGTAGA  
AAATCATGTACAGAAAGGCTAATAGACAGCAAAGTAAATCAGCAAGTCCCTGAGCAGTA  
GGATTAGGATTCCTGTCTCCTTTCAGATTCAAATGCATCTGTTTCTGGGGTTAACAGTGG  
ACT

>SEQUENCE:385:prostate\_MPM2000-004P1Novel007-2-Table2

CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGGTGATTGCTTTCCAAGG  
CCACCGAGGGTATCTGAGACTCCCAGGCCCTGGTTGGTCCTGCCTCTTCTCCTTCATAGT  
GTCCCAGTGTTGTGAGGAGGGCGCTGGTGGTAGCTTGGACCTTGTGTGCCAACGCTTCCT  
CAGGTCTGGGCCTAACAGCCTCCACTGCCTGGGCTCACTCAGGGAGCGCCTCATTATTG  
GGCAGCCATGGATTCTATCCCAGCCCCATCATCAGTTCGGGGACACAACCTGACTGAAGA  
TGCCAGACATCCTGAGAGTTGGCAGAACACAGGAGGCTATTCTGAAGGAGATGCAGTATC  
ACAGCCACAGATGGCACTAGAGGAGGTGTCAGCGTCAGATCCACTGGCAA

>SEQUENCE:386:prostate\_MPM2000-004P1Novel007-2-Table2

CGACGCGTAAGACGTGTTTTGCGACCCGGCACCAACCGTGGTTTTTCACCCCGCTGGAGC  
GCTCCAGCCGTACCTACAAGCGCGTGTATGATGAGGTGTACGGCGACCAGGACCTGCTTG  
AGCAGGCCAACGAGCGCCTCGGGGAGTTTGCCTACGGAAAGCGGCATAAGGACATGTTGG  
CGTTGCCGCTGGACGAGGGCAACCCAACACCATAGCCTAAAGCCCGTGACACTGCATCAG  
GTGCTGCTCCACGCTTGACCGGTACGAAGAAAAGCGCTGGCCTAAAGACGCGAGTTCTGG  
TTGACTTG

>SEQUENCE:387:prostate\_MPM2000-004P1Novel007-2-Table2

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACCAATC  
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TTGCCTCAGCATTGTGGCCCCCGTGGATCTGCAAGCCTATCCCATGTATTGCACAGTAG  
TGGCATATCCAACGGATCTAAGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCT  
GCAGGAATTGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCA  
GCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGCGGTAATCATGGTCATAGCTGT  
TTCCTGTGTGAAATTGTTATCCGCTCACAATTC

>SEQUENCE:388:prostate\_MPM2000-004P1Novel007-2-Table2

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACTCCTCATGAT  
CATCTACACAACATTCTGTGACACGTTCTCTAACCCTAAATATTGACCTGGATAAATTCAG  
CCTTGTTCTCATACTGTTTATAATATTTTCTATCCAGCTGAGTTTTATGCTTTTAACTTT  
CATCTTTTCAACAAGGAATAATTCGGGTTTACACACAGCAGACACAGTGGCTATCACTTT  
CTGTTCTACACACAAATCCCTTACATTGGGAATTCCGATGCTGAAGATTCGTGTTTGCAG  
GCCATGAGCATCTCTCTTTAATATCTGTACCTCGGCCGCTCTAGAACTAGTTGGGATCCC  
CCGGGGCTGCC

>SEQUENCE:389:prostate\_MPM2000-004P1Novel007-2-Table2

ACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACTCCTCATGAT  
CCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGC  
CCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGCGGTAATCATGG  
TCATAGCTGTTTCTGGGTGAAATTGGTAATCCGCTCACAATTCCACACAACATACGAGG  
CCGGGAGCATAAAGTTGTAAAGCCCTGGGGTTGCCTAATTGAGTTGAGCTTAACTCAC

>SEQUENCE:390:prostate\_MPM2000-004P1Novel007-2-Table2

GGTGGCGGCCGAGGTACATTTAGAGAACATTTGTCAAAGGCCTAAGTACGGCAAAGGAAA  
ATAAACACAGAATATAATAAAATGAGATAATCTAGCTTAAACTATAACTTCCTCTTCAG  
AACTCCCAACCACATTGGATCTCAGAAAAATACTGTCTTCAAATGACTTCTACAGAGAA  
GAAATAATTTTCTCTGGACACTAGCACTTAAGGGGAAGATTGGAAGTAAAGCCTTGAA  
AAGAGTACCTGCCCGGGCGGCCGCTCGAAGTTCCAGCCCAGCTTGGCCAGCACGTTTGTG  
GTGCGCACGTCCATCGGGTTGGCTTTGGTACGCG

>SEQUENCE:391:prostate\_MPM2000-004P1Novel007-2-Table2

ACTCACTATAGGGTGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACATGG  
GACTACAGGCACGCCCCACCATGCCAGCTCATTTTTGTATTTTAGTAGAGACAGGGTT  
TCACCATGTTGGCCAGGATGATCTTGATCTCTTGACCTCATTGATCCGCCACCTCTTGGC  
CATCCCAAAGTGGCCGGGTATCACAGGTCGTG

>SEQUENCE:392:prostate\_MPM2000-004P1Novel007-2-Table2

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ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCGGCCCGGCCAGGTCCATAG  
CACCTCCCCTTTTTCTCTCTTCTCTATCTCCAGTCATGTAAGACATGCCTGCTATGCCC  
TCTCTCACCACCTCCTATTCAACATAGTGTTGGAAGTTCTGGCCAGGGCAATTAGGCAGGA  
GAAGGAAAGAAAGGGTATTCAATTAGGAAAAGAGGAAGTCAAATTGTCCCTGTTTGCAGA  
TGACATGATTGTATATCTAGAAAACCCCATTTGTCTCAGCCCCAAAATCTCCTTAAGCTGAT  
AAGCAACTTCGGCAAAGTCTCAGGATACAAAATCAATGTACCTCGGCCGCTCTAGAACTA  
GTGGATCCCCCGGGCTGCAGGAATTCGATA

>SEQUENCE:393:prostate\_MPM2000-004P1Novel007-2-Table2

TATAGGGCGAATTTGGAGCTACACCCCGGTGGCGGGCCGAGGTACCCTAGCCTAATCCATAT  
TGGGCACTCAAATTTTTACTGAATGACTAAATGAAAAGATGGATGAACATCTCTATAAAC  
TATGGAAAGAAAATGCTGATAAAGCATTGTCAGAAATTACTTCACTAGTGCCACACACG  
GACAGAATTGAGGACATTTAGACTTTTTTTGTTTGTGAGATGGAGTCTCATTCTGTGCG  
TCAGGCTGGAGTGCAGTGGTGCTATCTCAGCTCACTGCAACCTCTGCCTGGGCAAGACTC  
TGTCCCAAAAAATAAAAAATAAATAAAATTAAAAAGTCTGGAAAGTAAAGGGAAGAATG  
AATACAATTTAGTTAAGAATACTGCCAGGATTAACAAACAAAAAATCAATCTTGGATTG  
GTTTCTCTTTATTTCTAGAAATAATACTATATACCTT

>SEQUENCE:394:prostate\_MPM2000-004P1Novel007-2-Table2

CTCCTATAGGGCATTGAGCTCCACCGCGGTGGCGGGCCGAGGTACATTTTCATTGTATG  
TATCTACCACGGCCTATTTATTCATCCATTAGTTGAAGAACATTTGGATGGTGGGAAGAGA  
ATATCTTTGTCTTATTCTGAATTAAGGGGCATTGAGTCTTTCAGCATGGAGTAGGATGTT  
AGCTGTAGGGTTTTTTGTAGACGCCCTTACAGAGTTGAGGAAGTTCTCTTTTATTCTTAG  
TTTGCTGAAAGTTTTTACCATGAATACATGTTCTAGTTTGCCAAATGCTTTTTCTGCTTC  
AATTAATATGATCATGTGTTTCTTCTTCTTCTACTGATAGTTTGACAGTTCCATTGAT  
TCATTTTTGATGAACGAACCTTACATTCTTGGGATAAATTGCCCTTGCCATGGTGTATTG  
TTCCTTTTAATGTATTGTTGGATTGAAATTTG

>SEQUENCE:395:prostate\_MPM2000-004P1Novel007-2-Table2

GCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACCCCTCTTGGATCTTCATTAATGA  
GAAGACATTCATAACCAGACTGAAGATGGCAAATAATTGTTGAAGGAATGCTGGACATT  
TTCTGGGGAGTAAAACGACCTATACAGCTAAAAATACAAGATGAGAAGCCATTCTCTTCT  
TTTACTAGTATGAAGTCATCAGACGTCTTCTCCAGCAAAGGAATGACACGCTGGGGGGGAA  
TTTGACGATCTCTATCGTATTAGTGAGCTGGACAGGACCCAGATTCTATGTCTGAAAAA  
AGGAATTCCCAGGAAGCAACACCCTGAAGCCACATGCAAAGCATGAACCAGACTCCCCAG  
TGCTCTATAGAACCATGAGTGAAGCAGCTCTGGTGAGAAAAAGGATGAAGCCTCTGATGA  
TGGACAGAAAAAGAAAGACAGAAAAATAGAGCCT

>SEQUENCE:396:prostate\_MPM2000-004P1Novel007-2-Table2

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACCAGGAGGGTATTGATGT  
TTGAGGTCCAAACTGAAAACCCATCACCTCCTTCCCACTGCTATAGCAGCGTTAGCCCTG  
GGGTTTATTATCTAGCCAGTTCACACCTTCTAAAGTGGGGCTCTGAAAATGTCTTACTTC  
CCTCACAGACAAAGCAATTCTCAAGCCTCCTGAGATCACCCACCAACCAGAGCAACTGCT  
GTCACCTTGGAGGTGCAGCTGAATTCTTCTAATTGTGACACAAACTCTTGAAACTGTAAAT  
GCTGAAAGATTAAATGAGGTTATAACACTCAGAAGGTTTTACAAGTAAAAGTAAGTCAA  
TCAATAGGTCTTTATTTTATATCTGTAATGGGTAGCTCTGCGGGAAGTGTTAGCAGCTA  
TATGAATTAGGAAGAA

>SEQUENCE:397:prostate\_MPM2000-004P1Novel007-2-Table2

CGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCTCTAGAACTAGTGGA  
TCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGG  
CCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATG  
GTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAGC  
CGGGAGCATAAAGTGTAANGCCTGGGNGTGCCTAATGANNGTGTAAGTCACTCACANNT  
TAATTGCGTTTGCGCCTCACTTGCCCGCTTTTTCCAGTCGGGAAAAACCTNNGTCGTGCC  
AGCTTTGCATTTAATGANNNATCGTGCCAACGCGCGGNGGAGAAGGCGGTTTTGCCGTAT  
T

>SEQUENCE:398:prostate\_MPM2000-004P1Novel007-2-Table2

GCGCGTTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGGT  
GCCGCTTGAGGAAAACGTGAGTTTGTGAAGGTGAGCAGTCTGGGTGCGTAGCGAAAGCGG  
AGACCTTAGCTGACCCCGCAGCTGTCTTTCTCTTTGTTAACCTCAACACATCGCGCCCCC



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TTCCGGGAACACTTGCTCTTCTCTCCTTGGCTTAAGTCCCGGTTTTTCATTCTTTAT  
CCGTGACCTTTAGGGAACCGTGGGGGGGAAGTCTGGTTTCCGTCCTGCTGCTTTCCTTCA  
ACTACAAGATGGCTTGTGATAAGGACGCATGCAATGCCATTCTTAAAGACAG

>SEQUENCE:399:prostate\_MPM2000-004P1Novel007-2-Table2

TCCACCGCGGTGGCGGCCGAGGTACTTTTGATAATAACTCACTCTGTGCGATATTCCTGA  
ATAAGTCCATCTCAAAAGTTTGGGATTTTCTCCTCTTAACCTTTCTTAATATTTGGACAT  
GCAAGTTGTCGCCAACTAAGGGTATTTATGGAATTTCTAGTATAATAGAAATAACCT  
ATA

>SEQUENCE:400:prostate\_MPM2000-004P1Novel007-2-Table2

CGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTGGGAGGC  
CGAGGCAGGCAGATCACAAGGTCAAGAGATTGAGACCATCCTGGCCAACACGGTGAAACC  
TCCTCTCTACTAAAAATACAAAATTAGCTGGGCGTGGTGGTGCATGCCTGTAGTCCCAG  
CTACTCAGGAGGCTAAGGCAGGGGAATCACTTGAACCCAGGAGGCAGAGATTGCAGTGAG  
CTGAGATCATGCCACTGCACTCCAGCCCGGTGACAGAGTAAGATTCCATCTCAAAAAAAA  
AAAAAAGCCAGGGCTTTGGAGTTAGGCCTAACAAAGTCTGAATCCTAATTCTGCTACTG  
ATATACTCAGTGATCTTGGCATGCCACTTATTCCTCTGAGCCTGTTTCCTCACCTGTGGA  
ATGTGAATGCTATACAAC

>SEQUENCE:401:prostate\_MPM2000-004P1Novel007-2-Table2

CCACCATCTTGGCACCATTTTTGGCAATTCCTTTTGGCTCTAGAACGTGTGGATCCCCCG  
GGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTA  
CCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCCGCTGGCGTAATCATGGTCATAG  
CTGTTTTCTGTGTGAAATAGTTATCCGCTCACAATTCCACACAACATACGAAGCCGGGAG  
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>SEQUENCE:402:prostate\_MPM2000-004P1Novel007-2-Table2

CGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGTATCAGCTCAC  
TCAAAGGCGGTAATACGGTTATCCACAAGAATCAGGGGATAACGCAGGAAAGAACATGTG  
AACAAAAGGCCAGCAAAAGGCCAGGAACCGTAAAAAGGCCGCGTTGCTGGCGTTTTTCCA  
TAGGCTCCGCCCCCTGACGAGCATCACAAAATCGACGCTCAAGTCAGAGGTGGCGAAA  
CCCGACAGGACTATAAAGATACCAGGCGTTTCCCCCTGGAAGCTCCCTCGTGCGCTCTCC  
TGTTCCGACCCTGCCGCTTACCGGATACCTGTCCGCTTTCTCCCTTCGGGAAGCGTGGC  
GCTTCTCATA

>SEQUENCE:403:prostate\_MPM2000-004P1Novel007-2-Table2

CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCAATCTAAAAA  
CAGGCACAACTGCTTAGCCTATGACCCTTAAGTATAAAAAACAAATTTATAAGTTAAA  
TACAGAAAAGTTACCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCA  
AGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAG  
TGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGT  
TATCCGCTCACAATTCCACACAACATACGAGCCGGGAGCATAAAAGTGTAAGCCTGGGG  
GTGCCTAATGAGGTGAGCTT

>SEQUENCE:404:prostate\_MPM2000-004P1Novel007-2-Table2

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGGCATCTCTACCACGGAT  
CTATGCGCTACCATTAGTGCTTCCTGTGTGTGTGCATATATAAAGGGGCTGGAAATGTGC  
AGAAACATGATACTACTCACACATTATATAGACATCTTGCTGCCTCTAGTGATGATGATT  
ATCTTCATTTGCTCATATGTGCCGCCCTACCATGGAGAAGGCACCAGCCCCCATCTTTTGT  
CACCCCTGCCATTGAGATGTGCGGCGCCTGTCTTTGCTGCACTGAGTACCTTGCCCTGT  
GTGAAATTGTTATCCGCTCACAATTCACACAACATACGAGCCGGGAGCATTAAAGTGTA  
AGCCTGGGGTGCCTAATGAGTGAGCTAACTCACATTAATTGCGTTGCGCTCACTGCCCCG  
TTCCAGTCGGGAAACCTGTGCTGCCAGCTGCATTAATGAATCGGCCAACGCGCGGGGA

>SEQUENCE:405:prostate\_MPM2000-004P1Novel007-2-Table2

ATACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGGCAGGTACA  
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TGCCTCAGCCTCTCAAAGTGCTGGGATTACAGGTGTGAGCCACGGCTCCTGGCTCCTTGC  
TCCAGAATCAGTTTTTTAATGGAAGATAGCTCATACTTTGTTTTTTGTTTTTAAAGAGACT  
GGGCAACATAGCAAAACCTTGTCACTATAAAAAATACAAAATTAGCCAGGCGTGGTGGT  
GCACGCCTGTGGTCTCAGCTGCTCAGTCGGCTGAGGTGGGAAGATGGCTTCAAGCCGGGA  
GATGGAGGCTTCAGTGACCTGTGACCTGTGATCACACCACTTAATTCCTCAAAGCATTG

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TGTCCCAGTTCCCTCC

>SEQUENCE:406:prostate\_MPM2000-004P1Novel007-2-Table2

GGCGGCCGAGGTACTGCTACTAACGGAACCCAGGCTCTGAGTTGTCTCAAGTTTCCTCTT  
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CACTCCCGGATGTTGACCCATCTATAGCAGGAATTCTCCAAGTGTGGCCCCCTCCCCGGCC  
AGGCACGGATCTGGGAGGAAGCCGCTCTATAACTAGTGGATCCCCCGGGCTGCACGAATT  
CGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGT  
CCCTTTCGTGAGGGCTAATTGCGCGCTTGGCGTAATCATGGTCGTAGCTGTTTACTGTGT  
GAAATCGCTATCCGGTCACAATTCCACACAACATACGAGCCGGGAGCATAAAGTGTAAG  
CCTGCCGTGCCTCATGAGTGAGCT

>SEQUENCE:407:prostate\_MPM2000-004P1Novel007-2-Table2

GACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCCTGAGGCCTG  
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TCTGTCCTAAATAGCTGACATTGCATCTCAAGACTAGTGTGAGTAATCCTGATATTTT  
TTTTAAGCTCAGTAAATTAATTACATGCCCTGGGAGGGAGTGATTGTAAGTAGAAAATAC  
TGAAGTAGCAGATGATTCGTTTTTAAGGTGCTATACTATGTGTATCAAGTTCAAGACGAT  
GAATCTTAAAGCTTCTAAGAACTGGCAGGGTTATTCCAGCTTTGTGCCCCCGCGTACCTG  
CCCGGGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCT  
TA

>SEQUENCE:408:prostate\_MPM2000-004P1Novel007-2-Table2

CTATACGGCGAATTGGATCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACAGTGAAAAG  
AGCCAAGGCTGTGTGACCCCTCATCACTTAGCCAGGCGTATGGTCCTGGTTTCTGAGGC  
TGCCAGAAAGCATCTTAGCAATTTGTGTTTGGATGGTCCATGCCTGACTATTCTAGGCTG  
GAGGTTCTTAAAGAGTAACAAGAGGAAGAGAAACAAGAATCTCTGACACTTGTTGAGAAT  
AGAGCACAGTCCCATTGTTTGAAGAGAGACACCAGGCAGCCATGTTTATGTGCCAGAAA  
TGCATTCCACCTCAAGGAGGACTTAATTTATGGACCCGTGTGTGCCAGGCTGAGCTGGGC  
AAGATCTTCTCAGGACAACTCTGCCATGCAGCTAAAAGTCTGGAACTAAAGGATTC  
ATGTAGTAACTATCTTCCAACCCCTGTAGGCATCAG

>SEQUENCE:409:prostate\_MPM2000-004P1Novel007-2-Table2

CGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCTATGATTTA  
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AGTTCCCATATCCACTAGGTGGTATTGCAAATAAGTAAAGCATCCTGGCCATGACGCTGC  
TAGTGAGAATCCCTGACCAAGTTACTCTCCTCACCTCACTGCAAACCTCCAGGAAGCGG  
AACTACTACCCCTCCACAGACAGAGCTCCCCTGCCACTCCATGAGGCGCTGCTGCCGGC  
ATCAGTTACCGAAGCCCTCACCCACACCCAGCCTGCAATGGTCCACTCTATATTCCACAA  
TACAGGAAAAAGCCCAAGGAGTCAGATCAGTTACGCCCTGGGATGCAGAAAGAACCAGT  
GATTCTTCAGATATGACAGCAGG

>SEQUENCE:410:prostate\_MPM2000-004P1Novel007-2-Table2

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCGCTCTAGAACTAGTGGATCCC  
CCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCG  
GTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCA  
TAGCTGTTTCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAGCCGGG  
AGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTAACTCACATTAATTGCGTTG  
CGCTCACTGCCCGCTTTCCAGTCGGGAAACCTGTGCGTGCCAGCTGCATTAATGAATCGGC  
CAACGCGCGGGGAGAGGCGGTTTGCGTATTGGG

>SEQUENCE:411:prostate\_MPM2000-004P1Novel007-2-Table2

GCGTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAG  
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ATCTTTGTGAATTTGATGGGCAAAACATCTGTGCCACAGTGTTATTTCAATTTTGAGCAG  
TCTTAATGGAGGAGTTGTTTTGGGGAACCAAGGTATAGAACATGTGAAAGAACTATCTG  
AAGAGACTGAGCAATGTCTTCAAAGGCCTGTAGCCCTGCAGCTGCCCTAGTATCTGCC  
GGGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTAT  
CGATACCGTCGACCTCGAGGGGGGGGCCG

>SEQUENCE:412:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACC  
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TAAATGAAAAGTAATAACCCTCCAACCACAACCTAGTCAGGGTATTAATAATTATATGT  
AGCAAGAAAACAAAGAAGAAAATAATAATTGAAAAAATGGAGATTCCCCAACCAAGTTTCAT  
ATTTGAAGGATCTGAGTTGTATTTTTATTAAGGAAATTTTTTTTTCTGAATACTGTCTTC  
CAAAATGTTAACATTAAAATCTGAATCAGAGGACTCTGAATGGAAAAGAAGTTTGATCAC  
TGACACCTAGGGCTCTGAAGCGTGTGTGGCCACATGGAAAAGTCGAAGGATGCGCTGTGCG  
AATCTCCTTTGTCTTCACTCCATAGACAATTGGGTTGAGCACAGGAGGAACCAGCAGA

>SEQUENCE:413:prostate\_MPM2000-004P1Novel007-2-Table2

CGACTCCTATAGGGCGTATTGGAGCTCCACCGCGGTGGCGGGCCGATCTTGTGATTATTTA  
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GCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCG  
TCGACCTCGAGGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCG  
CGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATT  
CCACACAACATACGAGCCGGGAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGC  
TAACTCACATTAATTGCGTTGCGCTCACTGCCCGCTTCCAGTCGGGAAACCTGTCGTGC  
CAGCTGCATTAATGAATCGGCC

>SEQUENCE:414:prostate\_MPM2000-004P1Novel007-2-Table2

ACTATACGGCGAATTGGATCTCCACCGCGGTGGCGGGCCGCCCGGGCAGGTACAGCCAGGT  
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GGCCAGAAGTTTGAGCCCACTGGCAACATAGCAAGACCATGTCTCTTTGCCGTGGGCC  
GCTCCTTTGAGGCTTCGGCTACGGCCTGACGTTTCTGCCACTGCTGTGATGCTGATGT  
GGAACCTCTACTCCGCGCGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCA  
GGAATTCGATATCAAGCTTATTCGATACCGTCTACCTCGAGGGGGGGGGCCCGGTACCCAA  
GCTTTTGTTCCT

>SEQUENCE:415:prostate\_MPM2000-004P1Novel007-2-Table2

GCGGCCGAGGTCCAAATTTGGGAATAATTATTAATAATGAGTGTGGCTGGATATATGGA  
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TTAGAAATATGAAATGATTTGGGTTTGAACCGCCAGTTTTAAGGCGCAGGGCCCGAAATC  
CTGACCCTCTGCCCCGTGGTTATTCTCCTTCCAGCTTGGGCTGCCTCATGTCATTCACA  
GGTATTCCATTTTGTTCCTTGTTCCTATG

>SEQUENCE:416:prostate\_MPM2000-004P1Novel007-2-Table2

GCGATTTGGAGCTCCACCGCGGTGGCGGGCCGCCCGGGCAGGTACTCTACGGTGTCAATAA  
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ATTTCAATATAGCAAAGTTCACAAATATCGTTTTAGTTTCACTTATCCACATTGTTCAATT  
AAAAGTAATACATTTTCTTTACATATAACCTGTCTTAGACTTGTAATTTGAGGATATCT  
TGATGAAACAGGATCTGTATCTTGAAACA

>SEQUENCE:417:prostate\_MPM2000-004P1Novel007-2-Table2

GGAGCTCCACCGCGGTGGAGCGGCCGCCCGGGCAGGTACGCGGGGAAATGGAAAAACAG  
C

AAAGGGAACAAGTTGAAAAAAACATGAAAGATGCAAAAGACAAATTGGAAAGTGAAATG  
GAAGATGCCTATCATGAACATTAGGCAAATCTTTTGCGCCAAGATCTGATGAGACGACAG  
GAAGAATTAAGACGCATGAAGAATTCACAATCAAGGAAATGCACGAAACGTAAAAGA  
AATGCAA

>SEQUENCE:418:prostate\_MPM2000-004P1Novel007-2-Table2

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCCAGGTACTAGCTCCTGCTGCTGTCT  
CAGGACCTTTCAGTTCAAGCATCCTCCTAACCTGAGTCTCTGTGTCTTACCTCAAATT  
CTCTCTCTCAAAAAAAAAAAGGTGGGGGGGATTGGCTGGGCCAGAATTTGGCCCAAAGCC  
ACCACTGGTCTGTGGTGACCAGGAGCAATACCATATTGATTTCCAGGCCCCACCCTTTC  
AGCAAGAGGCTGGAATTTGGGGGGGAGGGTCGTGATGTTTCTACTAACTGGCCATTAGCT  
GGATCATCATTTCCAAAGGAATCTAATACAATAATGTCCACAAAAGCAGTGAAGGATAC  
AGAGACCACAAAATAGATCCACAACATGGGACAGAGTGGCATTGGCCTCCCAACAGTTTC  
ACAGGAACCCCTTGATGCTGCAGAGCATGGGTCTCTGGGGACTGGAGGAGCT

>SEQUENCE:419:prostate\_MPM2000-004P1Novel007-2-Table2

ACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGTCCCTGGCGTCATTCCAT  
AGGCTCCGCCCCCTGACGAGCATCACAAAATCGACGCTCAAGTCAGAGGTGGCGAAAC  
CCGACAGGACTATAAAGATACCAGGCGTTTCCCCCTGGAAGCTCCCTAGTGCGCTTCTCC  
TGTTTCCGACCCCTGCC



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>SEQUENCE:420:prostate\_MPM2000-004P1Novel007-2-Table2

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTGATAATAA  
CTCACTCTGTGCGATATTCCTGAATAAGTCCATCTCAAAAGTTTGGGATTTTCCTCCTCT  
TAACTTTCTTAATATTTGGACATGCAGTTGTCGCCAAACTTGGGTATTCATGGAATTTCT  
AGTAAATGAAATACCTATACTTTGATACTGAAGACTGCCAAATACATAGGAATTTTCTTT  
CTTAAAAACAGTAATGAAGACTATATCTCCTTTCCCAGCACTGAATGTTTTACTAGCAC  
TGGGTGCTCACCATGCAACTGAAGAAAATGTGGAAACTCAAAAGGTCAGGACAGACTTCC  
AAGCACTTGCAACTGATGTTACTGTCTTCAATTTTAATAC

>SEQUENCE:421:prostate\_MPM2000-004P1Novel007-2-Table2

CGCGTATACGACTCATATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAG  
GTACTTCAGAAGGATGGAAGCTGAATTCAGAAGGGAGGAATGAGAAGGAAAAGTTGCTAA  
GAAATCGATAAACACATAGATAAATCTAAATTAAGCATAGCCATTAATAATCAGTAACAA  
CAATGATATGAGGATGATTAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGT  
AAGTATGTAGGATGAGCTGGAGGGTGCATTTACTTGCATTTCTAGCATTGGATAGGAGGA  
GATTAGAGATGCTGATTGGCATTAACTCGAGTTAACAAGTGAAGTGAAGTGAAGTGAAGTGAAGT  
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>SEQUENCE:422:prostate\_MPM2000-004P1Novel007-2-Table2

GCGGTGGCGGCCGGGACTATGCACTTCCCATGCTCCTAGGGTTATGAATAGCTTCAAACA  
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AAAAGACAAAAGATTTGGCAGCCTGACACAGGCAACCTACCCCTCTCTCTCCAGCCTCTT  
TATGAAACTGTTTGTTTGCCAGTCCCTGCCCTAAGGCAGAAGATGAATTGAAGATGCTGTG  
CATGTTTCCCTAAGTCCTTGAGCAATCATGGGGGTGACAATTGCCACAAGGGATATGAGGC  
CAGTGCCACCAGGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGC  
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GGGTTAATTGCG

>SEQUENCE:423:prostate\_MPM2000-004P1Novel007-2-Table2

CGAATTGGTTCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACTTGTCTTAAAAGAGAAT  
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AAAATGAGGGAGGAGCTAGGAGAACTATCAGAGCAGTTTTACAAATATGCAGTACCTCGG  
CCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATAC  
CGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCCTTTAGTGAGGGTTAATTG  
CGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAA  
TTCCACACAACATACGAGCCGGGAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGA  
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>SEQUENCE:424:prostate\_MPM2000-004P1Novel007-2-Table2

CTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACATTTAC  
CTACGTTAATGAAAGTTGACACACTGTTCTGAGAGTTTTTCACAGCATATGGACCCTGTTT  
TTCCTATTTAATTTTCTTATCAACCTTTAATTAGGCAAAGATATTATTAGTACCTCGGC  
CGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACC  
GTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCCTTTAGTGAGGGTTAATTGC  
GCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAA  
TCCACACAACATACGAGCCCGGTGAGCCATAAAGTGTTAAAGCC

>SEQUENCE:425:prostate\_MPM2000-004P1Novel007-2-Table2

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGATTTGCAGAGCCTCAGGGGGCCTG  
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TGTGGGTCCAGGGGCACTGTTCAATCCACTGTAGCATGGGAAGCCCTGATAAAAAGAGAC  
ACAGGACAAAATTAAAGTTGTGAAAATTATATACGTACCTCGGCCGCTCTAGAACTAGTG  
GATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGG  
GGCCCGGTACCCAGCTTTTGTTCCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCA  
TGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAAATCCACACAACATACGA  
GCCGGGAGCATAAAG

>SEQUENCE:426:prostate\_MPM2000-004P1Novel007-2-Table2

CGCGTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACT  
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TTTCCCGATGAAATTCAAACAAAATTAGACTTTTATACACACAAAGCAAAACAAAACACA  
ACCTATATATAATTTCAAGATTAAGAAAAACAAAACAAATAAAAGCATTCTCTCAAGACC

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TTGCTTCAGTTGTGTAAAATAATTAATGTGCTATTCCAAGTTGATTTTAGTTTTAAAT  
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>SEQUENCE:427:prostate\_MPM2000-004P1Novel007-2-Table2  
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CAGCACAGAATGACTTTGGTGAACTGTAGCTGTTAGCGAGTAATTGCGTTACAGGCAGA  
CCCAGTCTTAAATTAACAAATCTGGGTTCCCTTAACTATCAGGTTTATGTTGGTTTTATT  
TGCTTCTATCTGGATCCCTTCTCTTTGCCTGGGACGCTCTAGAAGTGGATCCCCCGG  
GCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTAC  
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>SEQUENCE:428:prostate\_MPM2000-004P1Novel007-2-Table2  
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CAGAAACATATTACATTACTTTTTTTTTTAACCAAAAGGCTTCATTCAATTAATAAAACAA  
GAACTTACATTTTATTTCTTGAACGGACAGAGAAATACCTTTCATTTATCAAGTGTGTA  
AATAATGCCCATGTGACAGAAACATGCATAATAATCTCATAAGAGAATATCCAGAGATAA  
AAGACAAGTTGAACTCAGGGACATTTTACCCAAGCAATTAATTTCCAGATGGAGTTGCC  
TTGATCAGTCATGTAACCACTGGGTAAGAGTTCTAACTATCAGAAAGAGTTCTAAACTA  
TCAGAATCAAAACAGACAATAC  
>SEQUENCE:429:prostate\_MPM2000-004P1Novel007-2-Table2  
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TCATTTTCAGCGTATAACCACATTCTCCTAGACTTTGTCTCTCTTCTACTCCAAGAAGCCC  
AGTTACCCTTTCTCCTCTCTTTTATCCCCAAGGATACAGAACATCAACCACATCAGCCAT  
CTTGTGCCCTGCGTGCTGAGAGGAGCTTTTCTTCCATGAAGATCCCTTGATGCAGAGCCC  
TGTAAGACTGCATCATCCCAGCTACTTTCCTGCTGACTTCCACTTGGGTTTACTCAATG  
GGTGACACTCACAGGACATAAGAGATTAGAAAGAGGGGATAAGGTTTTTTTATATATCTGC  
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>SEQUENCE:430:prostate\_MPM2000-004P1Novel007-2-Table2  
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TGCCTTTAGCAGACCTGGGACCGTCAAGAATCTTGTTACCCTGATTATTGCAAGATGACA  
TATTTCTTAAGCCATTTATAATCTCATATTCGGGTTGAATCTGAATTTACAAATAAAAGG  
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>SEQUENCE:431:prostate\_MPM2000-004P1Novel007-2-Table2  
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GAAGATCTCATAGGCATCTTAATTTTAAATATATAAATTCTAATTTGGTTATTGGTTCT  
GGAATTTGATTCTCTATCCATATTTCTCCAATCTGTAATTAGTATCAACAGAACTTGAG  
AATTTCCCAGACTTATCTTATTAATCATTAAATTATTTCACTTTCTATATTCCTGT  
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TCTTAACCTTGCCTTATGGTAGA  
>SEQUENCE:432:prostate\_MPM2000-004P1Novel007-2-Table2  
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AGGTGGCGAAACCCGACAGGACTATAAAGATACCAGGCCGTTTCCCCCTGGAAGCTCCCT  
CGTGCGCTCTCCTGTTCCGACCCTGCCGCTTACACGGATACCTGTTACGCTTTTCTCC  
CCTTCGG  
>SEQUENCE:433:prostate\_MPM2000-004P1Novel007-2-Table2  
ACGACTCACTATAGGTTGAATGGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGAAAATA  
TGTATCCTTCAAAAATTTTGGGATCCTTCCCTCTGGGAAATGGGTAACCTGAGTCCATTC

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CCCACTAAACAGGACCATAAACGGCAGCATGAGTCAGATACCACCACCAATATTTATTAC  
CCAAAGCAATCTGAAAGAATCGGGCACAAGGTCATGGCTATTCCCAGGTTTACAACGAAA  
ATCATGAACCTTCTTCAAACATCACCC

>SEQUENCE:434:prostate\_MPM2000-004P1Novel007-2-Table2

CTCCTATAGGGCGAATTGGAGCTCCACCGCGGTGGCCAGGTACTAGCTCCTGTCCTGCTG  
TCTCAGGACCTTTCAGTTCAAGCATCCTCCTAACCTGAGTCTCTGTGTCTCTTACCTCAA  
ATTCTCTCTCTCAAAAAAAAAAAGGTGGGGGGGATTGGCTGGGCCAGAATTTGGCCCAA  
GCCACCACTGGTCTGTGGTGACCAGGAGCAATACCATATGATTTCCCAGGCCCCACCCTT  
TCAGCAAGAGGCTGGAATTTGGGGGGGAGGGTTCGTGATGTTTCCTACTAACTGGCCATTAG  
CTGGATCATCATTTCCAAAGGAATCTAATACAATAATGTCCCCAAAAAGCAGTGAAGGAT  
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>SEQUENCE:435:prostate\_MPM2000-004P1Novel007-2-Table2

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGCGTGGTCGCGGCCGAGGTACCATTCTT  
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GAAAAGTAATAACCCTCCAACCACAACCTAGTCAGGGTATTAATAATTATATGTAGCAAG  
AAAACAAAGAAGAAAATAATATTGAAAAAATGGAGATTCCCCAACCAAGTTTCATATTTGA  
AGGATCTGAGTTGTATTTTTTATTAAGGAAATTTTTTTCTGAATACTGTCTTCTAAAATGT  
TAACATTAAAATCTGAATCAGAGGACTCTGAATGGAAAAGAAGTTTGATCACTGACACCT  
AGGGCTCTGAAGCATGTGTGGCCACATGGAAAAGTCGAAGGATGCGCTGTGCAATCTCCT  
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CCAAGATGACGG

>SEQUENCE:436:prostate\_MPM2000-004P1Novel007-2-Table2

GGAAAAGGCCGGCGCGCAGCCGCTGGCCGTTGGTGACCAGCGAGTCGTGCGCCAGCCTT  
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C  
TCTGGACGAAGGGCTGGCGGCGGTCCAACCTGGATGCCGGTCACCGGGCGCCAGCCCAGG  
C  
CGGGCACGCGGTTGTGGATGTAGTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCA  
GGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCT  
TTTGTTCCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTC  
CTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAGCCGGGAGCATAAAGT  
GTAAAGCCTGGGGTGCCTAATG

>SEQUENCE:437:prostate\_MPM2000-004P1Novel007-2-Table2

TCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGTGCCTAATGAGTGAGCTAACTCA  
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ATTAATGAATCGGCCAACGCGCGGGGAGAGGCGGTTTTCGTATTGGGCGCTCT

>SEQUENCE:438:prostate\_MPM2000-004P1Novel007-2-Table2

GACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGGGCAGGTACTTCA  
GAAGGATGGAAGCTGAATTCAGAAGGGAGGAATGAGAAGGAAAAGTTGCTAAGAAATCGA  
TAAACACATAGATAAATCTAAATTAAGCATAGCCATTAAAAATCAGTAACAACAATGATA  
TGAGGATGATTAACCTGAGATGACTGAAAGCAAGGTGAAGCTAAAATATAAAAAAGTATGT  
AGGATGAGCTGGAGGGTGCATTTACTTGCAATTTCTAGCATTGGATAGGAGGAGATTAGAG  
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>SEQUENCE:439:prostate\_MPM2000-004P1Novel007-2-Table2

GGCGGCCGAGGTACTAATATTATCTTTGCCTAATTAAAGGGTTGATATGAAAATTAAATA  
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GTAGGTAAATGTACGCGGGGCTTTCTGGTCTCGGCCGCTCTAGAACTAGTGGATCCCCCG  
GGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTA  
CCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAG  
CTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAGCCGGGAGC  
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>SEQUENCE:440:prostate\_MPM2000-004P1Novel007-2-Table2

TAGGGCGAATTGGATCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACCAAAGTTTGTTA



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AAACACCCAGAGAGAAGACGATGCTTGAGTAAATGTCTTGCTTTCTTGAACCCTCAATCA  
ACACATTTAAGCCATTTGGTATATGGAGAACTGCCATAGTGCCAGACAATTGAATAATTC  
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ATGAATCACCTTTATTGCTTGTCTCTCGAAAATTATACATTCTTCCCCTCTGACTTAAC  
CAAATAGAATGTTGTCACGTGACTTTTTTCTACATTTACAAATAAATGTTGCAAATCA  
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>SEQUENCE:441:prostate\_MPM2000-004P1Novel007-2-Table2  
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GAAAAGACGATTTCTCTCTGATTCACAATCCTGAAAATGTGATCTCCCTTAAAAAGAGGA  
CAGTGCTGATGTGAGTCTGACGAAGTGGACATCACCTGCAGTCAGTCCAGAGCTGCCCAG  
TCTTGAATATAATCATGGCCAAACCTTATGAATTTAACTGGCAGAAGGAAGTTCCCTCCT  
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>SEQUENCE:442:prostate\_MPM2000-004P1Novel007-2-Table2  
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CTGAGTCAGGGAAAGGGAGTACCTCGGCGCTCTAGAACTAGTGGATCCCCCGGGCTGCA  
GGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAGCT  
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CTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAGCCGGGAGCATAAAGT  
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>SEQUENCE:443:prostate\_MPM2000-004P1Novel007-2-Table2  
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ATAAAAATAAAAGATTTTATTATAGCAAAGTTCACAAATATCGTTTTAGTTTCACTTATCC  
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TAACCCTTCCAATTCCAGTCCTTGCTTTCCTGAGTTTAAATTTATCCTGGGAAAGAAAT  
ATATTAATAAATTGTGGCAAACAATTATACTTTGCTTTTAAGAATGAATTTTTTTTGTA  
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TTGCTCATTTTGTGTTTTAAGATACATTGTAAAGAATATTTTATTTCTAAAAATTTTA  
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>SEQUENCE:445:prostate\_MPM2000-004P1Novel007-2-Table2  
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TGAGAAGGAGATGAGAAGTGAGTCCAGGCTCAATGGGCGGAGATGATGACGATAAGGCCA  
TAGACGACATTGACCCGGATATCATCACAGGCCAGCTTCATGACATCTTGGTGTAGGCAG  
TAGGAATGGGAAAGGATATTGGAGCGGCAGAAAGGGCAGCTGCTTGATGAAGACAGGAAGG  
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>SEQUENCE:446:prostate\_MPM2000-004P1Novel007-2-Table2  
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ACATTACTTTTTTTTAAACAAAAGGCTTCATTCAATTAATAAAACAAGAACTTACATTT  
TATTTCTTGAACGGACAGAGAAATACCTTTCAATTTATCAAGTGTGTAAATAATGCCCA  
>SEQUENCE:447:prostate\_MPM2000-004P1Novel007-2-Table2

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ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAATTTTATCATT  
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AGCTCTTTAAAAACCTCCACCTTTGCTATCATTTTCATTCAATTTATGACTTTTAAACT  
GCAGTTCCAAAACCTGGGTGCCAGAGTGCCTTGGGGCACTACCATGAATTCCCCGCGTCCT  
GCCCCGGGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGC  
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>SEQUENCE:448:prostate\_MPM2000-004P1Novel007-2-Table2

ATACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCGCGGTACC  
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TAAATGAAAAGTAATAACCTCCAACCACAACCTAGTCAGGGTATTAATAATTATATGT  
AGCAAGAAAACAAAGAAGAAAATATTATTGAAAAAATGGAGATTGCGCAACCAGTTTCA  
TATTTGAAGGATCTGAGTTGGATGTTTATTAACGAAATTGTTTTCTGAATACTGTCTTT  
CAAAATGTGAACATTAATACTGAATCAGAGGACTCTGAATGGAAAAGAAGTTTGATCAC  
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>SEQUENCE:449:prostate\_MPM2000-004P1Novel007-2-Table2

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TGCATTATGAGGGGGCCACTTTTTTTCACAGTTCTGGTGACCCTGTAGTTTCTTGTTTCTG  
ATCATTACCAACTGCCTGTGAGCTCTTTGCAGACCTGAGTGGTCTCACTTGTACCTGCCC  
GGGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTAT  
CGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGT  
TAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGC  
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>SEQUENCE:450:prostate\_MPM2000-004P1Novel007-2-Table2

CGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATAGAATAT  
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CAAGCCCAACACAGTCTTAAGAATAAGCAGATATGAGAAGGAGATGAGAAGTGAGTCCAG  
GCCAATGGCGGAGATGATGACGATATGGCCATAGACGACATTGACCCGGATATCATACA  
GGCCAGCTTCATGACATCTTGGTGTAGGCAGTAGGAATGGGAAAGGATATTGGAGCGGCA  
GAAGGGCAGCTGCTTGATGAAGACAGGAAGGGGTGCCATCAGTGACGCCCCCGCACACCAC  
AGCAGCCACACCAATTTTGGTGACACGAGGCAACGTAAGTACCTGCCCGGGCGGCGCTC  
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>SEQUENCE:451:prostate\_MPM2000-004P1Novel007-2-Table2

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTAAAGTCAAA  
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GAAGGATCAAGAGGACAGTGATGGTCACTTAAGTGTGAATTTGGAGTATGCCCCAACTGA  
AAGTACCTGCCCGGGCGGCCGTTTAAACTAGTGGATCCCCCGGGCTGCAGGAATTCAA  
TATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCT  
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GAAATTGTTATCCGCTCAC

>SEQUENCE:452:prostate\_MPM2000-004P1Novel007-2-Table2

CTCACTATAGGGCGAATTGTTAGCTCCACCGCGGTGGCGGTGCCTAATGAGTGAGCTAAC  
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TGCATTAATGAATCGGCCAACGCGCGGGGAGAGGCGGTTTGCCTATTGGGCGCTCTTCCG  
CTTCCTCGCTCACTGACTCGCTGCGCTCGGTCGTTCCGGCTGCGGCGAGCGGTATCAGCTC  
ACTCAAAGGCGGTAATACGGTTATCCACAGAATCAGGGGATAACGCAGGAAAGAACATGT  
GAGCAAAGGCCAGCAAAGGCCAGGAACCGTAAAAAGGCCGCGTTGCTGGCGTTTTTCC  
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ACCCGACAGGAC

>SEQUENCE:453:prostate\_MPM2000-004P1Novel007-2-Table2

TCCACCGCGGTGGCGCTGCATTAATGAATCGGCCAATTCGCGGGGAGAGTCGGTTTGCGT  
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GCGAGCG

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&gt;SEQUENCE:454:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCCAGGTACTAGCTCCTGTCC  
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CTCAAATTCTCTCTCTCAAAAAAAAAAAGGTGGGGGGGATTGGCTGGGGCCAGAATTTGGC  
CCAAAGCCACCACTGGTCTGTGGTGACCAGGAGCAATACCATATGATTTCCCAGGCCCCA  
CCCTTTCAGCAAGAGGCTGGAATTTGGGGGGAGGGTCTGTGATGTTTCCTACTAACTGGCC  
ATTAGCTGGATCATCATTTCCAAAGGAATCTAATAACAATAATGTCCACAAAAAGCAGTGA  
AGGATACAGAGACCACAAAATAGATCCACAACATGGGACAGAGTGTCAATTGGCCTCCCAA  
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&gt;SEQUENCE:455:prostate\_MPM2000-004P1Novel007-2-Table2

GGCCGCCCCGGGCAGGTACGCGGGCAAGAGATCATTTGCCAAACTGTATTCTCTAGCTTTC  
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ATTTCCCCGATTATGCAGCTGCTTTTGGAAATTGCACTGATGAAAACATCCCACTCAAGA  
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TAGTGATATCCACTTACATTTTCAAATGAGACCTTGAAGAGCAGCACCATCATTATGC  
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&gt;SEQUENCE:456:prostate\_MPM2000-004P1Novel007-2-Table2

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AAGAACATGTGAGCAAAAGGCCAGCAAAAGGCCAGGAAACCGTAAAAAGGCCGCGTTGCT  
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&gt;SEQUENCE:457:prostate\_MPM2000-004P1Novel007-2-Table2

GTGGCGGCCGAGGTACTTGAGTTTTCTGAGCCACCTTTTCTAAATTAGTGTCATTTGTA  
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TCCATGGTATGTGTTTTATCCATATTGCATTCTGAGGAAGTAAATCATTAGAATTATGA  
TCAGAACTGTGGACTGTTCTGACGAATGAATAATCATATCTTCTTGAAGCTGAATGTCA  
ACAGACTTCCGCTTCTCTGCTTCTTCATGTTTTTTATCTTCCTGTATTTGATCCCAGGGA  
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&gt;SEQUENCE:458:prostate\_MPM2000-004P1Novel007-2-Table2

GTATACTACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTCCGT  
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&gt;SEQUENCE:459:prostate\_MPM2000-004P1Novel007-2-Table2

CTATACGGCGAATTGGAGCTTACCGCGGTGGCGGCCGAGGTACATAAAGGTCACCGAGGA  
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GTGGACAGATCCTCCTTATGAAAAAAGAAGGCAAAGTGTATGAACTCACACAGTAGTAG  
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&gt;SEQUENCE:460:prostate\_MPM2000-004P1Novel007-2-Table2

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AGCTGTTTCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAGCCGGGA  
GCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTAACTCACANTTAATTGCGTTG  
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>SEQUENCE:461:prostate\_MPM2000-004P1Novel007-2-Table2  
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>SEQUENCE:462:prostate\_MPM2000-004P1Novel007-2-Table2  
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CCCAGAACTTATACGCACCTCCGCCGCTTTATAACTAAAGGAACCCCCGGGCTGGGGGAA  
TGGATATCAAGCTTATCGATAACCGTCGACCTCGAGGGGGGGCCCGGTACCCAGCTTTTGT  
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>SEQUENCE:463:prostate\_MPM2000-004P1Novel007-2-Table2  
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>SEQUENCE:464:prostate\_MPM2000-004P1Novel007-2-Table2  
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>SEQUENCE:467:prostate\_MPM2000-004P1Novel007-2-Table2  
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>SEQUENCE:468:prostate\_MPM2000-004P1Novel007-2-Table2  
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CAGTCGGAATCAATGCTATAAAGGAGATAACAGC  
>SEQUENCE:469:prostate\_MPM2000-004P1Novel007-2-Table2  
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TCGAGGGGGGGGCCCGGTACCCAGCTTTTGTCCCTTTAGTGAGGGTTAATTGCGCGCTTG  
GCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCCACAC  
AACATACGAGCCGGGAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTAACTC  
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>SEQUENCE:471:prostate\_MPM2000-004P1Novel007-2-Table2  
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GGCATCCTTGCGGGCGGCGCGCGGCGTGGTGCCGGCATGCGCCTCCTCGCCCACGATCT  
C  
GACGATATAGCGGCGGCTGCCCTGAATGGCGGTGACGACACCGATCGTCTTCCGCTCGTT  
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T  
GGCCCAGAAGAGGTCCTCGTCGCGCCGCGCCGTGACCATCAGCAGGCGGGCCGGATCGA  
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CCAGGTCGAAAGCGCAGGGGCATAGGGCAGGGCATCGAAAACGCCCGTAGGGCGGCGGC  
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CCACAGGATCGTTCCGCCGGCCCGCTGGGCGAAGCGACCGATCACGTGCCCGGCAAAAC  
C  
CAGGGCGGCGCCGTCATGCGCGGCGACACGGCCGCTCTAGAACTAGTGGATCCCCCGGG  
C  
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>SEQUENCE:473:prostate\_MPM2000-004P1Novel007-2-Table2  
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TCATCAAGCAGCTGCCCTTCTGCCGCTCCAATATCCTTTCCATTCTACTGCCTACACC  
AAGATGTCATGAAGCTGGCCTGTGATGATATCCGGGTCAATGTCGTCTATGGCCTTATCG  
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>SEQUENCE:474:prostate\_MPM2000-004P1Novel007-2-Table2  
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ATCTTCTTCATCTTCACTAACTTCATCATCATCAGCCAGGCCACAACTCCTCTTTCTGT  
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>SEQUENCE:475:prostate\_MPM2000-004P1Novel007-2-Table2  
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CCCAGAAGTATTACCCAAGTGAAGGCGAAGAAATTAACAACAGCAAAACCTTTAGA  
ATAATTCAGTAACTGGCTAGTTACAAAATCAATAACCAATCGCCAAGTTAACTATTATA  
CAACTACACACTACTCTTATGCAGAGGTAAGAATGAGGTAGATTGATGTGTACCTCGG  
CCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATAC  
CGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAAATG  
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>SEQUENCE:476:prostate\_MPM2000-004P1Novel007-2-Table2  
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CTGCTGCATCTGCTGCAATTGCTGGAGCTGCTGCAGCTCTTGCAAGTTGTTGCGGGTCCAG  
TTGCGCGCCGAGGCCGCCCGACGGATCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCT  
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CAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAG  
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TGCTCTTTTGATTTGCAAAAACATCCCTGAGAAGCTCCCCAGCCAGCATACTCTCGTGCT  
CCATTGTCTAGAACTGGCTTACTTGCCCACCAGCAAACCAGTCACTGGAAAATGGGAATG  
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CCGAGCACTTTGCTGCCTGCCTGATACCTGAGTAAAATCAGGGCTCTCTCAGGAAGAAAG  
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ATCCATCACTTTTTTTCATCAATGAAAATAATCTGGTCCCATTGTTGGGTGCGGAAAAATCT  
TTTTCACACTGACAGGATGTCGATAATCATTAAACGAATTGCCAGTCTTCAATGTAGAAAT  
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GTTTTTTTATGGCGTGACCGGATCGACCGGCTCATAGCCGGCCGCGCGGCGGCTCGAGCG  
CGCCAGGGTCCAGGCCAAGCCGATGCCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCT  
G  
CAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAG  
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>SEQUENCE:480:prostate\_MPM2000-004P1Novel007-2-Table2  
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TATTGTAAGAACAGATGAAATTCTGGTCTTCTTGGGTGTCTGGATCACACTCTCTTGCAA  
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CGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGG  
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>SEQUENCE:481:prostate\_MPM2000-004P1Novel007-2-Table2

ACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATCACCTGCTG  
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CGCTTCTGCCTGGTCACCAACTTGACGATGGACTCCGTGTTGGTCACTGTCAAGGCATTG  
TTCTCCTCCAATTTGGACCCAGCCTGGTGGAGCAAGTCTTCTAGATAAGACCCTGAAT  
GCCTCATTCCATTGGCTGGGCTCCATCTACCAATTGGTGGACATCCATGTGACAGAAATG  
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ACCATCACCAACCTAC

>SEQUENCE:482:prostate\_MPM2000-004P1Novel007-2-Table2

GTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCCGGCCGCCCCGGGCA  
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AACTTTGCCTATTTTTTAGTGTGGAACTGAGGTTTAGAGAGGCCTATAAAATTTGTCTA  
CAGTTCCATAGCCATAAGCGTCTGATTGATAAAGCAAACCCAAGTTCTTTGTAGAAGAGC  
TGTTATACTGCCTTTAGTGTGTAACCTCATGAACTCAGAGTCCATTATGATTGTGTA  
AGGTATGACAGTTTGGCATTCTACCAAGAAATGAAGGCTTGAATGGGGCAGAATGACAG  
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>SEQUENCE:483:prostate\_MPM2000-004P1Novel007-2-Table2

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TGTCAGCCCAACACAGTCTTAAGAATAAGCAGATATGAGAAGGAGATGAGAAGTGAGTC  
CAGGCCAATGGCGGAGATGATGACGATAAGGCCATAGACGACATTGACCCGGATATCATC  
ACAGGCCAGCTTCATGACATCTTGGTGTAGGCAGTAGGAATGGGAAAGGATATTGGAGCG  
GCAGAAGGGCAGCTGCTTGATGAAGACAGGAAGGGGTGCCATCAGTGCAGCCCCCGCAC  
CACAGCAGCCACACCAATTTTGGTGACACGAGGCAACGTAAGTACCTCGGCCGCTCTAGA  
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>SEQUENCE:484:prostate\_MPM2000-004P1Novel007-2-Table2

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GGGCCTGAGTCTCCTATTTTCTACCTATTTGTACCTCGGCCGCTCTAGAACTAGTGGATC  
CCCCGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCC  
GGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTC  
ATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAGCCGG  
GAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTAACTCACATTAATTGCGTT  
GCGCTCACTGCCCGCTTTCAGTCGGGAAACCTGTCGTGCCAGCTGCATTAATGAATCGG  
CCAACGCGCGGGGAGAGGCGGTTTGCGTATTGGGCGCTCTTCCGCTTNCTCGCTCACTGA  
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>SEQUENCE:485:prostate\_MPM2000-004P1Novel007-2-Table2

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GGAGGTTTTACCAAGGACAACATATTTCCACACACTCTACTTATTCCCAATGACAGGGC  
AGTTGCCCTGGATGAGGCTCCCTGAAGGCTTTATTAAGCTTGGGAATTTCTGATCTG  
AACAATTACAACCTGATGGTGTTTTACGACCAGAAGAGAGGATAAACCATAGTCCATTCC  
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>SEQUENCE:486:prostate\_MPM2000-004P1Novel007-2-Table2

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGTCGGCTCCAGCTACTCACAGAGAACGTT  
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TAAATGATTTATTGATGGCCGTAATTAAGCAATGCCAACGGAAGCAGCGTCAGCAT  
TTTTCATTTGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGA  
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>SEQUENCE:487:prostate\_MPM2000-004P1Novel007-2-Table2

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GCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCCCCGGGCAGGTACATAGAATATGAACACA  
GCACACACATGAGAGACGCAAGTGCCAAATGCCTTGGCCTGGGCTTCACGTGTCAAGCCC  
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GCGGAGATGATGACGATAAGGCCATAGACGACATTGACCCGGATATCATCACAGGCCAGC  
TTCATGACATCTTGGTGTAGGCAGTAGGAATGGGAAAGGATATTGGAGCGGCAGAAGGGC  
AGCTGCTTGATGAAGACAGGAAGGGGTGCCATCAGTGCAGCCCCCGCACCCACAGCAGCC  
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>SEQUENCE:488:prostate\_MPM2000-004P1Novel007-2-Table2

ATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACTCAGAA  
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ATGGTTTCATTTCTTTCTACATCCAGTCCACTTTAATTCTTCATGAATTTATCCTGATGT  
GTGAGATAAGAATCCCACTTTTCAATTTTTTTTAAAGGCCGACAGAATTATCTCTAAACTA  
GAACAAATTCATTTTAAATCCACATGGGGAAAATGGCAAGCTAAAGAAAACAGGAACATT  
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>SEQUENCE:489:prostate\_MPM2000-004P1Novel007-2-Table2

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T

GTCCAGACCAGGGCCAACCAACCTGCAAACCTGCCACGTGAAAGGAGTGTGAGGAGAGGA  
GAAAGGCACAGCTCCCCTGCAGCTGCACCCCTCTGGGTGCAGTTACGGGGCTGGCTGATG  
AGACAGACAATGGGTGTGGCATGTGGGTAGTAAACTGTCTCATGGTGTAAAAATGCTTGT  
CACATTTTCATGTGAACAGAATCAACTAAAAAGTTCTGCCACAAATGTCATAGGAAGAATG  
ACAAAAAAGAGGTTTCAGTGATCCGCGTGCCTATAATCCCGAGGCATCTACGTCACTGAGA  
TAAGAAAGGGCAGCCGGCATATCTTCCCTCCCACCCCTCATGTATCTCTTCCCATCTTGA  
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>SEQUENCE:490:prostate\_MPM2000-004P1Novel007-2-Table2

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GGGAAATAAAGTGCCCATAGAAGGAAGGCTGTGTCAGGCTACATGTCTACTGTCGAGGGC  
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GTTCAAAATCTTAAAGTCAGAAAATGAAACACTCAGGACTTTTCATTCTCAGCTTATGAC  
GTAGTCAGTGGACCAGGTAACATCTGTGGCTTTAAGGCTATCTTATTCGAGCGGTGCGCC  
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>SEQUENCE:491:prostate\_MPM2000-004P1Novel007-2-Table2

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GATGTCATGAAGCTGGCCTGTGATGATATCCGGGTCAATGTCGTCTATGGCCTTATCGTC  
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>SEQUENCE:492:prostate\_MPM2000-004P1Novel007-2-Table2

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GATCCTCAGGCCACCAGTAGAAAAATGGAAGAGACAGGATGACAAAGACTTAAGAGAAAA  
ACGTTGTTTTATTTGTGGAAGAGAAGGGCACATTAATAAAGGAATGCCACAGTTTAAAGG  
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CCAGCAGGAATCATGAGGGAAGGAAAATGCAGCACTCTAAATGGCCACTCAGGCGTTCTT  
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AATTTTAAATATAGTCTTATCTACCACACATCCNCATAGATTTAAGGATTTTAATAGAAA  
GACATGATGTACGTATTTAAGCCACGTTAAAAGAAAAAATATAACTATGGACCGGTATTC  
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>SEQUENCE:493:prostate\_MPM2000-004P1Novel007-2-Table2  
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AGCCCAACACAGTCTTAAGAATAAGCAGATATGAGAAGGAGATGAGAAGTGAGTCCAGGC  
CAATGGCGGAGATGATGACGATAAGGCCATAGACGACATTGACCCGGATATCATCACAGG  
CCAGCTTCATGACATCTTGGTGTAGGCAGTAGGAATGGGAAAGGATATTGGAGCGGCAGA  
AGGGCAGCTGCTTGATGAAGACAGGAAGGGGTGCCATCAGTGCAGCCCCCGCACCCACAG  
CAGCCACACCAATTTTGGTGACACGAGGCAACGTAAGTACCTGCCCGGGCGGCGCTCTA  
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>SEQUENCE:494:prostate\_MPM2000-004P1Novel007-2-Table2  
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TCTATTTCTGGAATGCT  
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CAAGTCAAAGGTGGCGAAACCCGACAGGACTATAAAGATACCAAGCGTTTCCCCCTGAAA  
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>SEQUENCE:497:prostate\_MPM2000-004P1Novel007-2-Table2  
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GAAGGACAATACCCTCAAGAGCCACCTGACCTGGTTCCGCTCCAAATACGATATGCGCTG  
GGACGAGAACGCGCTGTTCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAA  
TTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTG  
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GTGAAATTGTTATCCGCTCACAATT

&gt;SEQUENCE:498:prostate\_MPM2000-004P1Novel007-2-Table2

TACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGTGTGAGGCATTTA  
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TCACCCTGGGACAGAATATAACCAAGTGATAGCCACTGACCCAAGTACCTCGGCCGCTCT  
AGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGAC  
CTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTT  
GGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCCACA  
CAACATACGAGCCGGGAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTAACT  
CACATTAATTGCGTTGCGCTCAC

&gt;SEQUENCE:499:prostate\_MPM2000-004P1Novel007-2-Table2

TACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCNGGCCGCCCCGGGCAGGTACATACTC  
CCTTAACTATTGCCAAGATCCCTATGAGGCAGCTTCAATTAATCCCCACAAGTTTCCCTA  
TTCCAGAACCCTGGCCTGCTCATGATCACAGACTCTGCCGCCAGAAAAGAAGACCTGTT  
TCTCCAGCCTGGGCAGCATGGCAATACCCCGTCTCTACAAAAAATACAAAAATTAGCC  
AGGTGTGGTGGCACATGCCTGTAGTCCCAGCTACTTGGGAGACTGAGGTGGGAGAATCAC  
TTGAGCCCCAGGAGGTGGAGGTTGCAGTGAGTCAAGATCGCACCACTACACTCCAGCCTG  
GGCAACAGAGTGAGACCCTATCTCAGGAGGGAAAAAAAAAAAAAAAAAAGTACCTCGGCC  
GCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCG  
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&gt;SEQUENCE:500:prostate\_MPM2000-004P1Novel007-2-Table2

TATACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCATTCTT  
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GAAAAGTAATAACCCTCCAACCACAACCTAGTCAGGGTATTAATAATTATATGTAGCAAG  
AAAACAAAGAAGAAAATAATATTGAAAAAATGGAGATTCCCCAACCAGTTTCATATTTGA  
AGGATCTGAGTTGTATTTTTTATTAAGGAAATTTTTTTTCTGAATACTGTCTTCCAAAATG  
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&gt;SEQUENCE:501:prostate\_MPM2000-004P1Novel007-2-Table2

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TTACAGAAAACAGCCACAGAATCCCAAGGCATCAGCACCAAGAGAGCCTGTAGAACTAT  
CTGGTCTAAGCTCCTGAAGCCCAGAGATAAGAATGACTTAACCCAAGCTGCACAGCCTCT  
TAACAGTCCACTGTTAACCCCGAGAACAGATGCATTTGAATCTGAAAGGAGACAGGAATC  
CTAATCCTACTGCTCAGGGACTTGCTGATTTACTTTGCTGTCTATTAGCCTTTCTGTGAC  
ATGATTTTCTACCAAGCAAAGTCTTTTATTCAAGTCTCCCAGAGATTTCTATTTAAGCG  
TTTGCTATTTGGCCACTTAAAAAAGACAGAAGAGAAGTAAACAGAAGCATATACCACACA  
ACTCAGTCCAGTCAGTAGTTGACTCTCAAGATGGCGGATGTCACTGAGATGGCTGAGAAA  
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&gt;SEQUENCE:502:prostate\_MPM2000-004P1Novel007-2-Table2

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CACATAGGACCAGTGCACACAAACAACCTCCTGGGCTCTCACATGCAAGGGGAACTGACCT  
TTGTTGGGAACCACACCTGGAGAAGGCTTGTGTCCAAATATACCATCGAAGAAAGCAGGC  
ATTCGAATGCTACCACCAATATCAGAGCCCACACCAATAACTGAGCAGGCATCTACCAGT  
GTGCAGCCCTCACCACCAGAACTCCACCTACAATATGCTGTAAATCATATGGGTTGTTT  
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&gt;SEQUENCE:503:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTCCTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGTCTCTGTGATAAC  
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TCTGGAGGGAAGAGGCGGCTGTTTGATTGAGAGCCTCCTCGCTGGGCTGGAATTAACCTG  
GCTCTTTCTCTAATGAACTGACTCCAAGGGTCCCTGTGTGCTAGAGATTCAATGGCCCT  
TAGGAGAAGCAATGATGAGAGGTAATATTAAAGCAGTGTACCTCGGCCGCTCTAGAACTA

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GTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGG  
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>SEQUENCE:504:prostate\_MPM2000-004P1Novel007-2-Table2  
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TTCTTTTTCATAGGCAACCCACACTCCACCAATGACACGAATTGATCAATTCTGTGAAAA  
TCTCCATTATTTTTCAAAAAATTAGGAACAGAATCTATATGTTCACTAAACTCTTTAGCC  
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TTCAGTCCACCCATTTGAAGTGGATGTAATGATTTCAATTTCTGCTGTAGAAATCTCAAAG  
AGCCCATGGTCTTCCTCCAAAAGTGTAGCTTGTCCCTTAAAATTAATATCTGGGTAGGCA  
AGCCAACTCCTGACTTCACAGTGAAGGACACAGATTTGGAGATATTCAGTTCTTCCAAA  
TTGGGGACTGCTCTCTGTATGTAGACAGGACAACAAGCTGGGTGAGATTGTGGGAAAAGC  
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CTTTGTGGATGCC  
>SEQUENCE:505:prostate\_MPM2000-004P1Novel007-2-Table2  
CTCACTATACGGCGAATAGCGCCCTCTAGATGCATGCTCGAGCGGGCCGAGTGTGATGG  
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TTGTATTTCTCTATAGTTATTTTAAAATAGTAATCAATGCTATGTATTTGATGTATATGT  
TTCTAAATTAGAAATTTCTTTTGGCTTTGTGTTTTTTTTATGTGCGTTAAATATGTAAAC  
TGAACCTGTTCTAAATGCATTAACTTGAATGCTGTGTCTATCCAATGCCAAAATGCT  
CAGAAGAAAAGTGAATAATTCAGTCATTCATCTGGATGTAGTTTTCTGTGTAATCTCAA  
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AGACAGTTATATGTAAAGAAAATGTATTATTTTAGATGAACAATGTGGATAACTGAACTA  
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ACTTTTTCATGAATGGTAAAATACATCACAAATTAATTCTATATTTTGAAAAGTGCTACT  
TCTTATTTGCCATAATGAATATTATCATTGATCTTAGTTAAAATGTAAAAACACAATTTA  
AAGGAAGCAAAGAATGTGCCAGGCATTTTCATGTCTATTCATACATTCATTAATAAACAG  
AAGCATGCATAACTATGATATAGCAAAACAAAGAAATAATTGGTTTAATGCCACATGTTG  
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>SEQUENCE:507:prostate\_MPM2000-004P1Novel007-2-Table2  
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TTTGTTCAATTAAGGCAACAAAGACAAATCCTTAAGAAAATACCAGTATTTTTCCTAC  
ATATGAAATCAAGGGTCCTTGTCTGACGATGGATTTTACTTGTTACGAGAATCTTCCTAT  
ATTTCTAGTTGAATCCCTGTCATTTCTGTAATAGACTTATATTTTACCAGCAGCCCTTA  
TGCGATTTCTTTGTGAAAAATATTTCTCTGTATAGAGGAAAGTTTATCATTTGGAATGTT  
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TCTTTAAATTGTTCTTACAGTGATATCTTACTATTTTAACTGTCTGGGGTTTCTGATAT  
GGGGATTTTACGCCCCTGGTTAATCAGTCTTGTCCCTACAAGTCCCTGATGCAGTATGTTT  
ATTTGTGATGTTTAAAGAACATTTCTTGGCTGGGCGCTGCGGCTTGCGCCTGTAATCTCA  
GCACTTTGGGAGGCTGAGGTGGGTGGATCACCTGAGGTTGGGAGTTCTAGACCAGCCTGA  
CAAAACATAGTGAAACCCCGTCTCTACTAAAAATACAAAATAGCTGGGCGTGGTGGTG  
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>SEQUENCE:509:prostate\_MPM2000-004P1Novel007-2-Table2  
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ATAGACAGCAAAGTAAATCAGCAAGTCCCTGAGCAGTAGGATTAGGATTCCTGTCTCCTT

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TCAAATTCAAATGCATTTGTTTCTGGGGTTAACAGTGGACTGTTAAGAGGCTGTGCAGCT  
TGGGTTAAGTCATTCTTATCTCTGGGCTTCAGGAGCTTAGACCAGATAGTTTCTACAGGC  
TCTCTTGGTGCTGATGCCTTGGGATTCTGTGGCTGTTTTCTGTAAGATCTGCAAGGGGGA  
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GCCG

>SEQUENCE:510:prostate\_MPM2000-004P1Novel007-2-Table2

GCGAATTGGAGCTCCACCGCGGTGGCGGCCACAGAATCAGGGGATAACGCAGGAAAGAAC  
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GTCGAAAACCCGACAGGCACTATAAAGGATACCAGCGCGTTTCCCCC

>SEQUENCE:511:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTCACTATANGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGTACTTTTTCTT  
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CATCTTGGCTCACTGCAACCTCCGCCTCACAGGTTCAAGCAATTCTCCTGCCTCACTACT  
TGGAAGGCTGANGCANGAGAATGGTGTGAACCCTGAAGGCTGANCTTGCAGTGAACCAAA  
ATCATACCACTGCACTCCANCCTAGACAATACAGTAAAATTCCATCTCAAAAAATAAAA  
ATAAATAAAAATCTACCTACTACTAATATATATTATAAAACCTTTATATATTTCTCTAAA  
AAAAACCANTATAAAACTAACCTTTAAACCTAATATCCAACCTTTATTTCCAACACCTTT  
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ATATCTCTAT

>SEQUENCE:512:prostate\_MPM2000-004P1Novel007-2-Table2

GTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATT  
TTAAAATGCGATTTTTCCGGAGAATATTGCTCTGTGCTGGATTTTTATTTCTTTTACTTA  
ACAGCCAATTTTGAAGTTAATTATTTTATTTAAATACTAGAAAAAGTAGTTAATGTTGCC  
AAATTTAGGAGAAAAATCTGTCAATTAACTTTAGATTATCTGAAGTTATATTTCTTTTC  
CTAGTGATAGAGGCACTTTTTTAACTGTGAAAAGGATGTTGTAGTTGTGTTTCAGCCCT  
TTCCAATTTGATTTATTAAGGTTTCTTTTCATAATCCAGGAGGGGAAGGGTGGAATTAC  
TCCAGTATCACATCTCTCTAATAAGAAAATTTAGCTGATTTAGGAATCTTCTCCGCATA  
AAAGTAAAATTTCTTAAAAAATATCATCACTTGTTCTTTTAGTGTTTCTGTTCCCAT  
TGTGCCAGGCACACTTGTTTGGCTTTGGAACTTCGTGGAATAGTGAAAAAATGGGTGTT  
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>SEQUENCE:513:prostate\_MPM2000-004P1Novel007-2-Table2

CTATAGGGCGAATTGTGCCCTCTAGATGCATGCTCGAGCGGCCGCGCCAGTGTGATGGATAT  
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CATACTGATGAAACAGAGTATCTGAAAAGCTGTCCCCAGGAATCACGAAGGCTCAGTCAC  
TGCTGCTATACCATTAAAGAAACAAAAAACAAGCTGCCCTAACATATGCAGCGCGAT  
CAATGCCTCCTGTTGCCCATATGTTTTACAATCATTTGAAAGAAATGTGCGAAAGGCGC  
CTAAGCTGTTTTTCTTTAAAAAAGTGTATTGCTAGTATTGTCTGAGAA  
CAAGAGAGAAACAGCCAAATGGTCACAACATTGAGATTAACAGCTATCCAGTGGGGACAA  
AGACAAGGTTAATGTGAGATTTGACATCGTTACCTAGCCAAGTTGGGGGTTTAATTCCTT  
ACTGTCCCCACTAGAACTATGGCTTAGATCTGTCCCGGGGAGCTGGTCTTCTTGGATAA  
GGCAACTCAGCCAGGACACAGTGGGATTGAACCTACTGCTGGTTGGTTCTTGCAGAGAAC  
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>SEQUENCE:514:prostate\_MPM2000-004P1Novel007-2-Table2

ACGACTCACTTAGGGCGAATTGGAGCTCCACGAGGTGGCGGTGCGCCGGGCAGGTACAAA  
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AGAAATTCACCTGGTGAGCAATGAGGACCTTACTGTTGCTGCCTTTAAAGCTGATTAAGA  
ATTTATTCCTAGGGAAGAGTGAGCTGGTACAAGAAACCACCCCTTCTTTCAATGCAATGG  
ACGTGAACAACCTGACCCTACAGATTGTCCAGGGCCACATTGAATGGTAGGCGGAAGATG  
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TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGGAATCGCTGCACC  
AGACCAGGCCCCAGGGCCAGCTACTCGAAGAACAGCCAATGGATTGGAACGTCTAGG  
ACAGATGCCACGGCTTTGACCCAGGCTGGGGGTGCACGGATCTCACTGGGGTTAGTTGGT



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ATATGAACACAGCACACACATGAGAGACGCAAGTGCCAAATGCCTTGGCCTGGGCTTCAC  
GTGTCAGGCCCAACACAGTCTTAAGAATAAGCAGATATGAGAAGGAGATGAGAAGTGAGT  
CCAGGCCAATGGCGGAGATGATGACGATAAGGCCATAGACGACATTGACCCGGATATCAT  
CACAGGCCAGCTTCATGACATCTTGGTGTAGGCAGTAGGAATGGGAAAGGATATTGGAGC  
GGCAGAAGGGCAGCTGCTTGATGAAGACAGGAAGGGGTGCCATCAGTGCAGCCCCCGCA  
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AACTAGTGGATCCCCC

>SEQUENCE:523:prostate\_MPM2000-004P1Novel007-2-Table2

CGCGCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCG  
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ATGCTATGTATTTGATGTATATGTTTCTAAATTAGAAATTTCTTTTGGCTTTGTGTTTT  
TTTATGTGCGTAAATATGTAAACTGAACCTGTTCTAAAATGCATTAACTTGAATGCTG  
TGTCTATCCAATGCCAAAATGCTCAGAAGAAAAGTGAATAATTCAGTCATTCATCTGGAT  
GTAGTTTTCTGTGTAATCTCAAATATCTGAATATTGAAAAAACTAGGTTGCTAACTTTNT  
TCATTCCTTATGCAAATGTTTAGCATCATAGTGCTGTTTCAGATACAGATCTGTTTCATC  
AAATATCCTCAATTACAAGTCTAAGACAGTTATATGTAAAGAAAATGTATTATTTTAGAT  
GAACAATGTGGATAACTGAACTAAAACGATATTTGTGAACTTTGCTATAATGAAATCTTT  
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>SEQUENCE:524:prostate\_MPM2000-004P1Novel007-2-Table2

CGTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCCA  
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CCAACATTTTGGAGCCTCCAGTGTCTCTTATTCCACTCTGTATACCCATCGTTTAGCTCC  
CATTTCCAAATGAGAACATGCAGTTTCTGACTTTCTGTCTCTGAGTCATTTCACTTACGA  
TAAGGGCTTCTAGTTCCATCCATATTGCTGCAAAAGATGTGATTTCAATTATTTTATGATGG  
TTGCGTATGTATTCCATGGTATATATGCACATTTTAAATCTAATCATCTGTTGATGGAC  
ACATAGGTTGAGCCCATGATGTTGCTATTGCGAATAGTGAACAGTTGATTATTAGACTGA  
AGAGAGAAAAGGCCTTCCTCCCCCATGACTTAACAGGAACGAAGGACGTTGCATTTATAA  
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GCACGTAGTTTTTAGGAAACTGGAAATCACACACACATAAATCTAATAAAGACAT

>SEQUENCE:525:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTCACTATAGGGCGAATGGNGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT  
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CAGAAAACAGCCACAGAATCCCAAGGCATCAGCACCAAGAGAGCCTGTAGAAACTATCTG  
GTCTAAGCTCCTGAAGCCCAGAGATAAGAATGACTTAACCCAAGCTGCACAGCCTCTTAA  
CAGTCCACTGTTAACCCCAGAAACAGATGCATTTGAATCTGAAAGGAGACAGGAATCCTA  
ATCCTACTGCTCAGGGACTTGCTGATTTACTTTGCTGTCTATTAGCCTTTCTGTGACATG  
ATTTTCTACCAAGCAAAGTCTTTTATTCAAGTCTCCAGAGATTTCTATNTAAGCGTTT  
GCTATTTGGCCACTTAAAAAAGACAGAAGAGAAGTAAACAGAAGCATATACCACACAAC  
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>SEQUENCE:526:prostate\_MPM2000-004P1Novel007-2-Table2

GTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAG  
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ATAATAAAATGAGATAATCTAGCTTAAACTATAACTTCTCTCAGAACTCCCAACCAC  
ATTGGATCTCAGAAAAATACTGTCTTCAAATGACTTCTACAGAGAAGAAATAATTTTTC  
CTCTGGACACTAGCACTTAAGGGGAAGATTGGAAGTAAAGCCTTGAAAAGAGTACCCCGG  
CCGCTCTAGAACTAGTGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATAC  
CGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTG  
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TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTCTTTTCAAGGCTTTAC  
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TCATTTTGAAGACAGTATTTTCTGAGATCCAATGTGGTTGGGAGTTCTGAAGAGGAAGT

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TATAGTTTTAAGCTAGATTATCTCATTTTATTATATTCTGTGTTTATTTTCCTTTGCCGT  
GCCTAGGCCTTTGGCGAATGTTCTCTAGATGTACCTGCCCGGGCGGCCGCTCTAGAACTA  
GTGGATCCCCCGGGCTGCAGGAATTGATATCAAGCTTATCGATACCGTCGACCTCGAGG  
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>SEQUENCE:528:prostate\_MPM2000-004P1Novel007-2-Table2

CGTAATACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACACTC  
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TGATCTGTTAATCAGCCAGAGTTTTAGTTTCATAATATCGTTCCATTGCCTGACAAAGAT  
ATACCCACTGAAGTGCCTTTAGCAGACCTGGGACCGTCAAGAATCTTGTTACCCTGATTA  
TTGCAAGATGACATATTTCTTAAGCCATTTATAATCTCATATTCGGGTTGAATCTGAATT  
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>SEQUENCE:529:prostate\_MPM2000-004P1Novel007-2-Table2

TACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGGTGGATCCCCTTTTAGTCCA  
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GTTGTTATCTTTTTCCTAGGATAAAAATTCTGTGTTAATTTTAGTTTTTAATTTGAGTTT  
ACCATTAATGAACATCAAAGAATAATGGACTTTTAACTCGGGCTGGGAATGAGTGTGTG  
TGAGTGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTGATATC  
AAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAGCTTTTGTTCCCTTTA  
GTGAGGGTTAATTGCGCGCTTGCGGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTG  
TTATCCGCTCACAATTCCACACAACATACGAGCCGGGAGCATAAAGTGTAAGCCTGTGG  
TGCCTAATGAGTGAGCTAACTCACATTAATTGCGTTGCGCTCACTGCCCGCTTTTCAGTC  
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>SEQUENCE:530:prostate\_MPM2000-004P1Novel007-2-Table2

ATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTA  
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CATTTTGAAAAAGCTGGTCTCGATAACTGGGCTCTTGAAAAACAAAAGTGTTCCCTTAA  
GTATTATCACGTGGAGCAGTTAATCTAATGCGAAAGGAAGCTATTGACAAGCTTATTTT  
GATTCAAGCTTGTGTCAGAGCATTCTTGTTCAAGAAGATACCAAAAAATACAGGAGAA  
AAGGAAAGAAAGCGCTATAATAACAGTCAGCTGCAAGAGGACACCTTGTCAGGAAACA  
AAGAAAAGAAATTGTTGACATGAAAAACACAGCAGTAACAACCATTCAAACCTTCTGATCA  
GGAATTGCACTACAAGAAAACTTTGAAAATACAAGGTGTCTGTAAAGGAGAGGAGCCAA  
AAATATTGAGACCCCCAAGACGACCCCGGAAACCCAAAAAAGTA  
CCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTGATATCAAGCTTAT  
CGATACCGTCGACCTCGAGGGGGGGCCCGGTACCCAGCCTTTGTTCCCTTTAGTGAGGGT  
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>SEQUENCE:531:prostate\_MPM2000-004P1Novel007-2-Table2

CGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTTTTTTTTT  
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TCCTCATGGATGCATCAAATGGGAATGTATTCATAGGTAGAGATGAACCATTTGGAGAAAG  
AAAGTTTCAAAGAAATTTGGAAGAAATCAGTGAAAGTAATGGACCAAGTTCCATAGATT  
AGAATAAAAAATTACATAGTATTTATAATCCAATAGAAAGACATTTTATTTAAGAGATA  
AGAAGGGAGTAAAAGTGGACTGGTGAAGATATGTTGGACAGGGGTAAAAACCAATGGAGA  
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CGGCCG

>SEQUENCE:532:prostate\_MPM2000-004P1Novel007-2-Table2

CTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATGGTCTCAAACTAG  
TTAGTGTTTGAGCAAGAATCTGAACCCAGGTGAGTCACACATGATAGCCATACCATTGAC  
AATAGCATGGAGAATACTGATGACACTATAAGGTCTAGTTCAGCAGATTAAGACAGCCAC  
AAGCTATAGCTTATAATAGTGCAATGAAAGAGGAGCATCATTGTAATCCGAGTGGGCAGA  
AAAATTAGTTGAGAGAATATAGCTTATTTTACAAGAGAGAAAATGAAAGTATATATGGAT  
TGGAGAGGATGGGTGCGGAAAGATTCTAGAGTGAAGGCTGCACAAAAGAGAAGCTTGGGGG  
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>SEQUENCE:533:prostate\_MPM2000-004P1Novel007-2-Table2

ACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATAGAATATGAACAC  
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CAACACAGTCTTAAGAATAAGCAGATATG

&gt;SEQUENCE:534:prostate\_MPM2000-004P1Novel007-2-Table2

CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGTGGCACGAT  
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AGTAGCTGGGACTACAGGCGCCCGCCACTACGCCCGGCTAATTTTTGTATTTTAGTAG  
AGACGGGGTTTCACCGTTTTAGCCGGGATGGTCTCGATCTCCTGACCTCGTGATCCGCCC  
GCCTCGGCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCAATTACTGTGTTTCTTATCCA  
TGTAGTGTGCATGCAGTGACGGCATCCTAATACGGGTCCTCCTTCTAGCATAGATATGGG  
GATCAGCACAAACAAAGCAAACAGTAGCATTCTTACAGCCAGCATGGACAGTAAAGGCAT  
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&gt;SEQUENCE:535:prostate\_MPM2000-004P1Novel007-2-Table2

GCGCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAAGTA  
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AGGCTGGTCTTGAAATCCTGGACTCAAGTGCTCCGCCCGCCTTGGTGTACAGTGCTGGC  
ATTACAAGCACTTTGTAATCTTGAAAATGGCTCTCATGAGCCACCCTGCTAGGCCAAAAC  
TGGAAGTATTTAATGGAACTTTGAAAGGGTAAAAAGAAACAAAGAGCTTCTGCCACAGAA  
GACAATCCAGCTGATCCTACAGAAAGTGACAGAACACCCGCGTACCTGCCCGGGCGGCCG  
CTCTAGAACTAGTGGATCCNCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGT  
CGACCTCGAGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGC  
GCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAAATC  
CACACAACATACGAGCCGGGAGCAT

&gt;SEQUENCE:536:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCAGGCTA  
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TTAATTTTTGAATATTAATCAAAACAAAAAGCAAACTGCTACACTCACTTATTAATTCT  
AGTAACTTTTTGAAGACCGTTGAGTATTCTACATAGACAATCATGTTGTCTGTGAACAA  
AAACAGTTTGTTCCTTTCTATCTGGGTGCTTTTTGTTTCTGTTTCTAGGCTTATTGCA  
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&gt;SEQUENCE:537:prostate\_MPM2000-004P1Novel007-2-Table2

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATAGAATATGAACACAG  
CACACACATGAGAGACGCAAGTGCCAAATGCCTTGGCCTGGGCTTCACGTGTCAAGCCCA  
ACACAGTCTTAAGAATAAGCAGATATGAGAAGGAGATGAGAAGTGAGTCCAGGCCAATGG  
CGGAGATGATGACGATAAGGCCATAGACGACATTGACCCGGATATCATCACAGGCCAGCT  
TCATGACATCTTGGTGTAGGCAGTAGGAATGGGAAAGGATATTGGAGCGGCAGAAGGGCA  
GCTGCTTGATGAAGACAGGAAGGGGTGCCATCAGTGCAGCCCCCGCACCCACAGCAGCCA  
CACCAATTTTGGTGACACGAGGCAACGTAAGTACCTGCCCCGGGGGCCGTTCTAGAACTA  
GTGGATC

&gt;SEQUENCE:538:prostate\_MPM2000-004P1Novel007-2-Table2

GCGTATACACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGG  
TACCACAAGGTGTCTTTTACACAGCTCATTTGAATACAGGTGTTCTGAGAAGGGGTTTC  
TATTTTAAAATTACCATATCAAAATAAATGTGCCTTATTTTTTATAAGTCTTGTTAAAT  
CAGTGTCCATATTACTGTTTGGGGAAGGGGGAATGTTGTGGGGTCTGGGAGAGGGTGGGT  
ACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATT

&gt;SEQUENCE:539:prostate\_MPM2000-004P1Novel007-2-Table2

CACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACATGTAGAGAAC  
ATTTGCCAAAGGCCTAAGCACGGCAAAGGAAAATAAACACAGAATATAATAAAATGAGAT  
AATCTAGCTTAAACTATAACTTCTCTTCAGAACTCCCAACCACATTGGATCTCAGAAA  
AATACTGGTCTTCAAAA

&gt;SEQUENCE:540:prostate\_MPM2000-004P1Novel007-2-Table2

ACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCCGGGCAGGTACCA  
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CTGAGGAGAGGCTGGCTTCATGTCTAGATACGACGACAGCAAGGCTGCTTAGAGCTAACA  
GCGCATTGCCTTTCCTACCGGACTCTCCTTTGCAGCTGCCTTGGTGATCTCATCAGTCA  
GCATGTCTCTAACCCAGAGCCAGGCTGTGCTTTTTTTGTACCTCGGCCGCTCTAGAACTA  
GTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGG  
GGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAA

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACAGACAGG  
ATTGACGGGGGGAATCCCTAAACTTTTTATTCTAACAAAGTTTTATTTATTTATTTTCTTT  
TTTGACATGGAGTCTCGCTCTGTCGCCCAGGCTGGAGTGCAATGGCGTGGCCTCGGTTCA

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CTGCAACCTCGCCTCCCGGGTTTAAGCAATTCTCCTGCCTCAGCCTCCCAGGTAGCTGGG  
ATTACAGGTGCATGCTACTGCGCCCGGCTAATTTATGTATTTTTATTAGAGATGGGGTTT  
CACCATATTGGCCAGGCTGGTCTCAAACCTCTGACCTCAAGTGATCCACTCGCCTCGGCC  
TCCCAAAGTGCTGGGATTACAGGCGTGACTCACTGTGCCCGGCCAGCAAACAAGTTTTAG  
ATTTAACTTTATTTGAATGCAATAGAAAAAAATTAGGCATTAAATTGAAGGGGCTGCTG  
AACTTCAGATAAATGTTTCTTCATTGGTTCCTAAAAGGGATAAATAAGCCAGTTATTCTC  
AAACTC

>SEQUENCE:550:prostate\_MPM2000-004P1Novel007-2-Table2

GTGGCGGCCGTTGTTTACTCTTTAAGCTAAAATATTCTCTCTCCACAGCTGCAATTAGAG  
AGCCGCATGGTGACCTACTTGAATCAACAAAATTTGAGACCTGTGATTATAATTCTCATT  
ATGACGATATATAATCAAAAGCTGTAAATGATAATAATTCTCAAACCTTCTGAGATTATT  
TTAAAATCCATCTTAATACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGA  
ATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTT  
GTTCCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTG  
TGTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAGCCGGGAGCATAAAGTGTA  
AAGCCTGGGGTGCCTAATGAGTGAGCTAACTCACATTAATTGCGTTGCGCTCACTGCCCG  
CTT

>SEQUENCE:551:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACA  
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AACTGTAACTGGAAAAGAAACCTGAGATTGCAGTCAGCCAAGATTGTGCCACTGCACCC  
CAGCCTGGGCAACAGAGACTCCGTCTCAAAAACAAAAAAGAAAAGAAACCAAGAAACCTC  
AGGCATGAACCTAATTTAATCTCCATGAAAGAGGTACCTCGGCCGCTCTAGAACTAGTGG  
ATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGG  
GCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCAT  
GGTCATAGCTGTTTCCTGTGTGAAA

>SEQUENCE:552:prostate\_MPM2000-004P1Novel007-2-Table2

ATAGGGCGATTTGGAGCTCCACCGGCCGGTGGGCGGCCGAGGTACTTTCCTGAATGCCTC  
TCCTAAGTAAATGGCTCTAGTTTCTCTATTGGCCACTGCACTGCCACTAGGATTCCTGCA  
AGGGATCCGATGGGCCAGAGCAGGTAGCCAACCACTTCTCTGTTGGATGGAATGCAATG  
CTGTTTGCCAGCATGTTTGAGCCAGTCCTTCAAGATGGATTCTGAGTGACTAACTGGACC  
TAAATTTAATAGCTCAAAGCAGCCCTTTGCTAACTAGGTTTTCATACT

>SEQUENCE:553:prostate\_MPM2000-004P1Novel007-2-Table2

GGCGAATTGGAGCTCCACCGCGGTGGCCGGCCGCCCGGGCAGGTACCCAGAAAATAAGA  
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AGGGTTCCAAAATGAAGAATCGCTCCTTTTGCAAACCTTATGGTAACAAATATAATATTT  
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>SEQUENCE:554:prostate\_MPM2000-004P1Novel007-2-Table2

ATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGT  
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CATGCTAGTGACTTTCCCTCCTATCTCCTGAGGACACGGTGCTTCCAACCTCTGAGGATCA  
GGATACTGAAATTGACTGTGTGAGAAGAGAAAGTGGGATTTTCTGTGGGAAAAGACTGTT  
TTGAGCATAATTTTCAAGTAATAAATATATTCTACCAGGAGACACACTGCCATCATGCTG  
ACGGTGTATGTTGCTTTTGACATTAACATTATGATCATCAATATTATTGGGGTGTTCCCT  
AGAAAATGACCAATTATCACAGAATTAACGAGTCATTTTCATTTTAGTTTTTTTTCACAC  
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>SEQUENCE:555:prostate\_MPM2000-004P1Novel007-2-Table2

ACTCACTATAGGGTGNATTGGAGCTCACCGCGGTGGCGGCCGCCCGGGCAGGTACCAATT  
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TCATCAACCATCTTGGAGTTCCCATCGTGAGTTTGCTTACGAGGACATCAAAACATTAG  
AGGGTCCAAGTTTTCTCTCCGAGGCCCGTTTTTCTACTTTTGCAACAAAATTTGAAGAAA  
TGGATCGCTCTTTCAACCTTCATGAAACCATTACTAAGCTCTCAGGAGAAGTGATTTTGC  
AAATTGCCAACGAACCTGTTCTGCCCTTTAATGCACTTGATATAGCTTTAGAAGTTCAA  
ACAACCTTAAAGGTGATCAACCCAACTCATCAACTGTTAGCCATGGCGTCACGCCTGC  
GGGAGAGTGCTGAACTTTTTAGTCTGATGAGATGCGACCTGCTAATGATCCCAAGGAGA



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GGAAAGAACATGTGAGCAAAAGGCCAGCAAAAGGCCAGGAACCGTAAAAAGGCCGCGTTG  
CTGGCGTTTTTCCATAGGCTCCGCCCCCTGACGAGCATCACAAAATCGACGCTCAAGT  
CAGAGGTGGCGAAACCCGACAGGACTATAAAGATACCAGGCGTTTTCCCCCTGGAAGCTCC  
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TCGGGA

>SEQUENCE:571:prostate\_MPM2000-004P1Novel007-2-Table2

GACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGCGGGCAGGTACGC  
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GGGAATCTAAGACCTGAACTACTGCCACAGCCATGCATAAAATGAAATGCTGCTGCTTT  
CCTCTCTGTTAAAGAGAATGTTCAAGGCCGAGGACACATAAAAAAGAGCAGCATTGCTGG  
CTCTGTTATTTAGCTGTGTGTTCTTGAAAAAGTCACTTCTCCAGACATATCTCAGCATT  
ATAACCTAAGACTGAATCACTGCATTTTACCCTTAATGAGGTACCTCGGCCGCTCTAGAA  
CTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCG  
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>SEQUENCE:572:prostate\_MPM2000-004P1Novel007-2-Table2

GACTACTATAGGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCATCCACATCTTGAT  
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AATTACATATTACAGCAAATCCTAACGGATATTCTTCAAGCAAAAGAAAGATGACTCCAG  
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GTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCT  
TATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAG  
GGTTAATTGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATC  
CGCTCACAATTCCACACAACATACGAGCCGGGAGCATAAAGTGTAAGCCTGCGGTGCCT  
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>SEQUENCE:573:prostate\_MPM2000-004P1Novel007-2-Table2

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTTACGTTGCCTCGTGTC  
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TTCATCAAGCAGCTGCCCTTCTGCCGCTCCAATATCCTTTCCCATTCCTACTGCCTACAC  
CAAGATGTCATGAAGCTGGCCTGTGATGATATCCGGGTCAATGTCGTCTATGGCCTTATC  
GTCATCATCTCCGCCATTGGTCTGGACTCACTTCTCATCTCCTTCTCATATCTGCTTATT  
CTTAAGACTGTGTTGGGCTTGACACGTGAAGCCCAGGCCAAGGCATTTGGCACTTGCGTC  
TCTCATGTGTGTGCTGGGTTTATATTCTATGTACCTGCCCCGGGCGGCCGCTCTAGAACTA  
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>SEQUENCE:574:prostate\_MPM2000-004P1Novel007-2-Table2

GACTACTATAGGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCGCGGGCAGGTACCTAT  
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CTCTGCAGTTGCCATATCCACTAGGTGGTATTGCAAATAAGTAAAGCATCCTGGCCATGA  
CGCTCTAGTGAGAATCCCTGACCAAAGTTACTCTCCTCACCTCACTGCAAACCTCCAGGA  
AGCGGAAACTACTACCCCTCCACAGACAGAGCTCCCCTGCCACTCCATGAGGCGCTGCTG  
CCGGCATCAGTTACCGAAGCCCTCACCCACACCCAGCCTGCAATGGTCCACTCTATATTC  
CACAATACAGGAAAAAGCCCAAGGAGTCAGATCAGTTACGCCCCTGGGATGCAGAAAGAA  
CCAGTGATTCTTCAGATATGACAGCAGGCAAAGTTCTGCCCTCTCCTTCCCATCTTCTAT  
CAGGAAGCGATCCCATAAAATCTCTTCCAGGGAAGGAAAGAGGCAGCTCTGGCTTCTTGG  
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>SEQUENCE:575:prostate\_MPM2000-004P1Novel007-2-Table2

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AAAAGACAAAATGATTACAATGCCAGATACCGATCTAAAATGTATTCTGCGTTGGATATG  
GTCTACATCCATCCATTTATACTTTTGCCATGGCCATATATATCACTGGTCAAGTACCTC  
GGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGAT  
ACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAAT  
TGCGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCAC



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AATTCCACACAACATACGAGCCGGGAGCATAAAGTGTAAGCCT  
>SEQUENCE:576:prostate\_MPM2000-004P1Novel007-2-Table2  
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AGACAAGACTCTCTTGATCTGCAAATACGACTTCATCATGCTGAGTTGTGTGCAGCTGCA  
GCGGATTCTCTGAGCGCTGTCTATCGCATCTGCCTGGGCAAGTTCACCTTCCCTGGGAT  
GTCCCTGGACAAGAGACAAGGAGAAGGCCCTAGGATCTACTGGGGAAGTCCGGAGGAGCA  
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GCATCCTATG  
>SEQUENCE:577:prostate\_MPM2000-004P1Novel007-2-Table2  
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TACGGCCATGGGGAGTAGACATGGAGTCTAATTCAGTGCTTGAGGCTAAGAATGAAGTTG  
TATGCATTGTGGAAATTGTTCCAGGAGATCTTGCAACTTTCAAGTTTGAAGTCATGTCTG  
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>SEQUENCE:578:prostate\_MPM2000-004P1Novel007-2-Table2  
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AAGCTATAAGATCTTTCTGCATACATTAACAAAATATGTGCACGTTGCTTGGTTTTGAT  
TTTCTTGGTTCATTTGGCTGGTTTTAGAGGAACTTGGAATACAGCTGAGGGACATGAA  
AGAAAATATTAGTGAGTGGAGTGATTCACCACATTCTTAAATGGAAAACTAGTGTTGAT  
TTAAGAAAGATGTCAGGCCGGGCGCGGTGGCTCACGCCTGTAATCCCAGCACTTTGGGAG  
GCCGAGGCAGGCGGATCACAAGATCAGGAGTTCAAGACCAGCCTGGCCAACATATTGAAA  
CCCCGTCTCTATTAATAAATAAAAAAATTAGCTTGGCTTGGTGGCGGGCACCTGTAATCCC  
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>SEQUENCE:579:prostate\_MPM2000-004P1Novel007-2-Table2  
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ACTGTGTCTAATTTGCCACTACTTGTATCCTGGCACATAATATATATTCATTTGTTGAGA  
AAATAAATGAATAAATAAATTTGAATTTTGTCTACTTCATATAATGGATCAGGACCTTAA  
AAAACCATCATTTAACAGTATTTATATCTCACGGACTAGTGTTTTGCATTTACTTCCAGC  
CACAGGATGCTACTTGATTCCCCAACTATGGCAGGTAATTGGGTGTAGGCTTGGGGCAGG  
GAATCTGAAATCAATGAGATCCCAGGACACTGGTTATTGTAGTTCTTTCCCCTTCCCCTA  
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>SEQUENCE:580:prostate\_MPM2000-004P1Novel007-2-Table2  
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GCTCTCGTTTCTTACACAGATTCTACTATGGGCCAGGATCTCAGCCAAGCAGTGGAGCCA  
GAGGCTGGACAGACACAAGCAGAGATTTTGGAAAAAGACTGAGTCCCTCTCAGCACTTCA  
AAGATCCCTTCCAACACCCAAACATCAAAGCCATGTTATATTGCCAAGCAAGGGTGCCT  
ATGAACGCCTGTTGAAACCCCAACAATTTTTTCAGCCATTTATTAACCCCAAGAG  
ACTATCAGGACTTCAGGGCAAACATCCTAGAGATAGCAATGCCCCCAGCAAGAAGAAAAG  
AGTTCTCAGTCTGAGAGGCACAACTGTAATCAGTGTAATTAACAGCTTACCCTCACCTC  
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GCAGGCTACACT  
>SEQUENCE:581:prostate\_MPM2000-004P1Novel007-2-Table2  
CTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCGCGGGCAGGTACCTGG  
G  
ACCCACACCTACATCACCCTACGGATCCTAAGGATACAAGTTCAGCTCAGGTCTCTA  
CACCCCACTCAGTGAGGACACTCAGAACCACAGAAAACCATCCAAGACAGAGTCCGCAC

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CCCAGCTGCTTACTCTGGAAGTCCTAAAATCTCAAGTTCACCCAATCTCACCAGTCCGGC  
CACAAAAGCATGGACCATCACAGACACAACCTGAACACTCCACTCAATTACATTACACAAA  
TTTGGCAGAAAAATCATCTGGATTTGAGACACAGTCAGCTCCAGGACCTGCCTCTGTAGT  
AATCCCTACCTCCCCTACCATTGGAAGCAGCACATTGGAACCTAATTCTGATGTCCCAGG  
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>SEQUENCE:582:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCCGGGCAGGTACT  
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TTCTTCTCTGTAGAAGTCATTTTGAAGACAGTATTTTCTGAGATCCAATGTGGTTGGGA  
GTTCTGAAGAGGAAGTTATAGTTTTAAGCTAGATTATCTCATTTTATTATATTCTGTGTT  
TATTTTCTTTGCTGTGCTTAGGCCTTTGGCAAATGTTCTCTAGATGTACCTCGGCCGCT  
CTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTGC  
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TTGGCGTAATCATGGT

>SEQUENCE:583:prostate\_MPM2000-004P1Novel007-2-Table2

CGCGCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCCGCCG  
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GTCAGAGAGGGGTGATCTTTAGGAAAGGCTTTCCTGAAGAAGTGGCACTGGTGAAATGATG  
GCTGAAGCATGAATAGAAGTTTCCTAGGAAGGCTGGGTGTGTGGTGTGTGGTGTGGTGTG  
TGTGGCGAAGTGCTGGGATTACAGGAGTGAGCTGCCGTGCCAGCCGGCAAAGTTGATTC  
TGAAACCCTGTATTACCTCAATAATCGTTGAAGTGCCCTATTATATGCAATGCAACACAGC  
CGGGTGGCTAATGCTGTGAGCACCGGATCCATGTGTTAAAATCCTGGCTGTCCTACCTGC  
TAGCTGTGGGAACTTGAGGAAGGCACTTGGACTTATCTGGTCCTCAGTTTCTCTATATTG  
TAAAATGGAAATTAATCATAACTACTTCCTGAGGGTGCTGGCAGCAGTAAACAATGATAA  
A

>SEQUENCE:584:prostate\_MPM2000-004P1Novel007-2-Table2

ACGACTCACTATANGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCCGGGCAGGTACTT  
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GCACCCCTTCCTGTCTTCATCAAGCAGCTGCCCTTCTGCCGCTCCAATATCCTTTCCCAT  
TCCTACTGCCTACACCAAGATGTCATGAAGCTGGCCTGTGATGATATCCGGGTCAATGTC  
GTCTATGGCCTTATCGTCATCATCTCCGCCATTGGCCTGGACTCACTTCTCATCTCCTTC  
TCATATCTGCTTATTCTTAAGACTGTGTTGGGCTTGACACGTGAAGCCCAGGCCAAGGCA  
TTTGGCACTTGCGTCTCTCATGTGTGTGCTGTGTTTCATATTCTATGTACCTCGGCCGCTC  
TAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTGC  
CCTCGAGGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCT  
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>SEQUENCE:585:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGGCCCGGGCAGGTACT  
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TTCTTCTCTGTAGAAGTCATTTTGAAGACAGTATTTTCTGAGATCCAATGTGGTTGGGA  
GTTCTGAAGAGGAAGTTATAGTTTTAAGCTAGATTATCTCATTTTATTATATTCTGTGTT  
TATTTTCTTTGCTGTGCTTAGGCCTTTGGCAAATGTTCTCTAGATGTACCTCGGCCGCT  
CTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTGC  
ACCTCGAGGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGC  
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>SEQUENCE:586:prostate\_MPM2000-004P1Novel007-2-Table2

ATTGGAGCTCCACCGCGGTGGCGGGCCGAGGTACAGTGAAAAGAGCCAAGGCTGTGTGACC  
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CAATTTGTGTTTGGATGGTCCATGCCTGACTATTCTAGGCTGGAGGTTCTTAAAGAGTAA  
CAAGAGGAAGAGAAACAAGAATCTCTGACACTTGTTGAGAATAGAGCACAGTCCCATTG  
TTTGAAGAGAGACACCAGGCAGCCATGTTTATGTGCCAGAAATGCATTCCACCTCAAGGA  
GGACTTAATTTATGGACCCGTGTGTGCCAGGCTGAGCTGGGCAAGATCTTTCTCAGGACA  
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>SEQUENCE:587:prostate\_MPM2000-004P1Novel007-2-Table2

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GCGCGTAATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGAC  
GCGGGTGAAGAGGACAGGAGTAGTTCTTGTCTGCAGGCTAACTGACAGATCTACAGGTC  
ATAAAAAATGAACTGATGCTCGCTGGAAAGAGTTTGAAATTATTTTCATTGAAGTTAGAA  
AATCATGTGAATGACATAAAAAAGCCTTTTGTAAATTAAGGAAAGAGACACACTAAAGGAA  
AGAGAAAGAGAGCTTCAGATGACTCTTAATACCAGAATGGAATCTTTAGAGACAGCACTG  
CGGCTTGTGTTACCTGTAGAGAAGGCATCACTTCTTCTGTGGCTCGGACCTGCCTCTC  
CATAAAATGGCCATCCAGGGATTTTCATCTCATTGATGCTGATCGCATCTATCAACACCTA  
AGGAATATCCAAGATTCCATAGCAAAACAGATTGAAATATGTAACCGCTTAGAAGAGCCA  
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CTGAAATACAAAA

>SEQUENCE:588:prostate\_MPM2000-004P1Novel007-2-Table2

AGCTCCACCGCGGTGGCGGCCGGGTCAAATGTAATCACCAAAGAAATCTGTCACATAAAA  
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ACGCAGCTAAGGGCTTCTACATCTTGGAATGGCAGTCTCAGACTTGCCACCTCTTAAAT  
TAGACATGAAATAGAAACATAGAATAGATGCTACTCTAAAGTCACAATGGAAATGCCCAA  
CACATTTACAAATACAATTATATGTAAACAAAAAGAGAACTCTATGTATCAAAATGACT  
TTGCAAGTTTAAATACAATATTGATGCATCTATGGCAATTTTCACATAGCCCTTGAAAAG  
CACCAGGTAGCTNGGTGTTATTATATGACTCTATCCCCTAGAAAAGAATGAACAGGTCTG  
AAAAGACCTTCTAGATTATTCACATGAGAAAAAGGGTAAGAAAATAATAGTTACCAATAA  
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>SEQUENCE:589:prostate\_MPM2000-004P1Novel007-2-Table2

AGGGCGAATTGGAGCTTTACCGCGGTGGCAACCGTAAAAAGGCCGCGTTGCTGGCGTTTT  
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GAAACCCGACAGGACTATAAAGATACCAGGCCGTTTCCCCCTGGAAGCTTCCCTCGTGCG  
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TCGGG

>SEQUENCE:590:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACCATGCAC  
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ATAATTTTTGGGGGAAATTAACACTCACAAAAGAGCTGTGCAAGACCTAAGGGTCAACT  
TTGCAAGGCATGCAGCCTAGGTTCAACCTGCAGCTTTTCCCAGTGGAATCTGGCCCATGC  
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AGTGCCCCATCAAACCTTTCAAATACAGAAAAAAGAGGGGAGACTTTCAGCATTTTAACCT  
TTCCATTTAAATTTTTTTTAGGCAGACAGATTTTTCTTATCTATAAGTTAATGAGAAATG  
TTGAGGTCTATGGAATTTAAAAATTAACCTTATATGTCTTCATAAACTCCAGACACTA  
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>SEQUENCE:591:prostate\_MPM2000-004P1Novel007-2-Table2

ATACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACGCGGGGA  
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ACCTTGGGAGGCTGAGGCAGGAAGATCACTTGAGGCCAGGCGTTGGAGAGCAGCCTGGG  
C

AAGGTGGCAAGAACCTTGTCTCTACAAAAAAAGCGTCTGCCATCATGGATGTTCTCGCA  
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>SEQUENCE:592:prostate\_MPM2000-004P1Novel007-2-Table2

AGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGTCGGCTCCCAGCTACTCACAGAGAAC  
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TTGGCCTAATTCCTAAGGAATCATGCCTCTGCCTTCGGGCCATTCTCAAGTCTTGTTCAA  
GGATAAAATGATTTATTGATGGCCGTAAATTAAGCAATGCCAACGGAAGCAGCGTCAG  
CATTTTTCATTTGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATT  
CGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGT  
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GAAATTGTTATCCGCTCACAATTCCACACAACATACGAGCCGGGAGCATAAAGTGTAAG



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CCTGCGGTGCCTAATGAGTGAGCTAACTCACATTAATTGCGTTGCGCTCACTGCCCCGCTG  
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>SEQUENCE:593:prostate\_MPM2000-004P1Novel007-2-Table2  
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>SEQUENCE:595:prostate\_MPM2000-004P1Novel007-2-Table2  
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>SEQUENCE:599:prostate\_MPM2000-004P1Novel007-2-Table2  
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>SEQUENCE:600:prostate\_MPM2000-004P1Novel007-2-Table2  
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CATCATCTCCGCCATTGGCCTGGACTCACTTCTCATCTCCTTCTCATATCTGCTTATTCT  
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CAGGCCAATGGCGGAGATGATGACGATAAGGCCATAGACGACATTGACCCGGATATCATC  
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>SEQUENCE:604:prostate\_MPM2000-004P1Novel007-2-Table2  
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GTATACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGCGCCGGGCAGG  
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>SEQUENCE:612:prostate\_MPM2000-004P1Novel007-2-Table2

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>SEQUENCE:613:prostate\_MPM2000-004P1Novel007-2-Table2

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>SEQUENCE:614:prostate\_MPM2000-004P1Novel007-2-Table2

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>SEQUENCE:617:prostate\_MPM2000-004P1Novel007-2-Table2

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GGAAAATTGGGGCCTCATTACATATAGGGAGACGTCCTGCTTTTTGACCCCAAGACCTC  
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>SEQUENCE:618:prostate\_MPM2000-004P1Novel007-2-Table2

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>SEQUENCE:619:prostate\_MPM2000-004P1Novel007-2-Table2

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>SEQUENCE:621:prostate\_MPM2000-004P1Novel007-2-Table2

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>SEQUENCE:623:prostate\_MPM2000-004P1Novel007-2-Table2

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CATTGTGGTAGATGCTGTGGAAGGAGTCTATCCACAGACGCAGGCAGTTCTGCGACAAGC  
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>SEQUENCE:626:prostate\_MPM2000-004P1Novel007-2-Table2  
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TGACTTCATTTATTTCTTCTTTCCCAAAGTAAACAACAGTGAGATGGACTCTCCCATCCT  
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TGTACCTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGC  
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>SEQUENCE:631:prostate\_MPM2000-004P1Novel007-2-Table2

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCCGCCGAGGTACTCTTATTTGTGTTTATT  
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>SEQUENCE:632:prostate\_MPM2000-004P1Novel007-2-Table2

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>SEQUENCE:634:prostate\_MPM2000-004P1Novel007-2-Table2

TAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTCATTTCCCTTCCTCAGCC  
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GGCCTGAGGAGATGCACTGGCTTCCCAGGACGATATTATAGCGGTAAAATCTCTCAGGAT  
TGTCTGGCAGTTTCTGGTTGGTGTCTCCATAGTGCACACGTTTTCTGTCTCAGACACGA  
TGAGACGGGAGTAAGCAGTATCTGGATCCAAGCGCACATCAGCTGCATAAGTCGCTCTAG  
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CGAGGGGGGGGCC

>SEQUENCE:635:prostate\_MPM2000-004P1Novel007-2-Table2

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ATAGTCACCAAAGACTTTCCCGCAGGCGGGCGCATTCTGTAGCGTCTCTCTTGCGTGTGTAT  
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GTATGGTTTCTCTCCAGTGTGAGAGTTCATGTGAGTCTTAAGGATGGACTGGTTTCGGAA  
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>SEQUENCE:636:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGTCAGGGAATAAAGG  
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TTGTTGCTTTGAGAGAGTTTCCAGGATGTGGTGAAGGGAGGGAGAACCTAGGTACCTCGG  
CCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATAC  
CGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTG  
CGCGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAA  
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>SEQUENCE:637:prostate\_MPM2000-004P1Novel007-2-Table2

GAGCTCCACCGCGGTGGCGGCCGAGGTACCTACGTTCTCCCTCCCTTCACCACATCCTGG  
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CCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGCCCG  
GTACCCAGCTTTTGTTCCTTTACTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGTCA  
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>SEQUENCE:639:prostate\_MPM2000-004P1Novel007-2-Table2

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CTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGT  
CGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGC  
GCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTC  
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&gt;SEQUENCE:640:prostate\_MPM2000-004P1Novel007-2-Table2

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GGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAAT  
CATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATAC  
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&gt;SEQUENCE:641:prostate\_MPM2000-004P1Novel007-2-Table2

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CTCGGCCGCTCTAGAACTAGTGGATCCCCCGGGCTGCAGGAATTCGATATCAAGCTTATC  
GATACCGTCGACCTCGAGGGGGGGGCCCGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTT  
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CACAATTCCACACAACATACGAGCCGGGAGCATAAAGTGTAAGCCTGTGGTGCCTAATG  
AGTGAGCTAACTCACATTAATTGCGTTGCGCTCACTGCCCGCTTTCAGTCGGGAAACCT  
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&gt;SEQUENCE:642:prostate\_MPM2000-004P1Novel007-2-Table2

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TCTGGCTCTTGACAAAGATAGACCACTGGAACAATGAGAAGGAGAGAATTCTACTGGTCA  
CAGACAAGACTCTCTTGATCTGCAAATACGACTTCATCATGCTGAGTTGTGTGCAGCTGC  
AGCGGATTCCTCTGAGCGCTGTCTATCGCATCTGCCTGGGCAAGTTCACCTTCCCTGGGA  
TGTCCTTGACAAAGAGACAAGGAGAAGGCCTTAGGATCTACTGGGGGAGTCCGGAGGAGC  
AGTCTCTTCTGTCCCGCTGGAACCCATGGTCCACTGAAGTTCCTTATGCTACTTTCACTG  
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&gt;SEQUENCE:643:prostate\_MPM2000-004P1Novel007-2-Table2

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ACTATAAGAGGCTTACCCAAAGGAAACAGACCAGTTATACTAACATATCATGACATTGGC  
CTCAACCATAAATCCTGTTTCAATGCATTCTTTAACTTTGAGGATATGCAAGAGATCACC  
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CCAACAGGGTATCAGTACCTGCCCGGGCGGCCGCTCTAGAACTAGTGGATCCCCCGGGC  
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&gt;SEQUENCE:644:prostate\_MPM2000-004P1Novel007-2-Table2

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TCCCAGTGGAAGCAAAGCCATAAGGAAGCCCAGGATTCCTTGTGATCAGGAAGTGGGCC  
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&gt;SEQUENCE:645:prostate\_MPM2000-004P1Novel007-2-Table2

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GCTCCTGTCTTTGTGGCATGATTAATTTTTTTTATCTCTACTTGAGTTGTCTTATTTTT  
TAAGGCTATAAACTTAGTGACCAGCTGGATAATAAAAGCCAGCTGGCAGACTTAAATGAT  
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&gt;SEQUENCE:646:prostate\_MPM2000-004P1Novel007-2-Table2

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GATGGATATCTGCAGAATTGCCCCCTTTTCGAGCGGCCGCCCGGGCAGGTACATGCAGTAAT  
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AATTTGCCCATATTTGAAATAATAATTCAGCTTTTTGTAATACAAAATAACAAAGGATTG  
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>SEQUENCE:647:prostate\_MPM2000-004P1Novel007-2-Table2

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CTCCTACGCTCTATACAAAGCCTTCAGCACCAAGTGTGAGCAAGACAAGGATAACTGGAATGG  
GCAGCTGAAGCTTCTGCTGGAGTGGAAACCAGCTGGACTTAGCCAATGATGAGATTTTCAC  
CAATGACCGCCGATGGGAGTCTGCTGACCTTCAAGAAGTCATGTTTACGGCTCTCATAAA  
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>SEQUENCE:648:prostate\_MPM2000-004P1Novel007-2-Table2

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AGAAATGATATTCAGGAGAAGTGTGTAAAGCTTTTGCCTCTAATGACAGAGCAGCTACAG  
TGGATGCCATTTGTGAATATCAAACCTTCACGAGCCTTTTGTAAATTTATATATTGGTCC  
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>SEQUENCE:649:prostate\_MPM2000-004P1Novel007-2-Table2

TTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTG  
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GCAATGACTCCATAATATTAGCTTGTTTTTTGTCTCGCCTTTTCTCTCAAACAAAAATA  
AAATAAAAAAAGTCCAATAGTTCCATTGGGCCACTAATTCAGCATCTTTGTGACCTT  
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>SEQUENCE:650:prostate\_MPM2000-004P1Novel007-2-Table2

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GGAAGTGGATCAAGGGCACCATCGTGGCCAACCCCTGAGCACCCCTATCAACCCCTATT  
GTAGTAACTTGGAACCTTGGAATGACCAGGCCAAGACTCAAGCCTCCCCAGTTCTACT  
TGACCTTTGTCTTAAGTGTGAGGTCCAGGGGTTGCTAGGAAAAAGAAATTCAGCATACA  
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>SEQUENCE:652:prostate\_MPM2000-004P1Novel007-2-Table2

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GACAACTGTTTGTCTAATTTGAATTCCTGCTAATGCATTGCCATAAATGTCATTTCTT  
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>SEQUENCE:653:prostate\_MPM2000-004P1Novel007-2-Table2

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TTGACAATCGAGTAGTACACACATGAGAACTGAAATGGCCCAAACCCAGAAAGAAAGCCC  
AACTAGATCCTCAGAAGACGCTTCTAGGGACAATAACCGATGAGGAAAAGATGGCCTCCT  
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>SEQUENCE:654:prostate\_MPM2000-004P1Novel007-2-Table2

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>SEQUENCE:655:prostate\_MPM2000-004P1Novel007-2-Table2

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CTGCCTGAAGGTCTCCAATTAGATAGTCCTTTCCCAAAGGCAACAGCTGCCACCAAGGCA  
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CCTTTATTTAGAAGTAAAGGATATTATGTGCCATATTTCTTCTAGAATCACTGGAAGAAT  
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AACAGGTATGGTAACACAGTAATATAACTTTTGAAAATGTGTGTTTGCATATCCAAACGA  
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>SEQUENCE:657:prostate\_MPM2000-004P1Novel007-2-Table2

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>SEQUENCE:658:prostate\_MPM2000-004P1Novel007-2-Table2

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>SEQUENCE:659:prostate\_MPM2000-004P1Novel007-2-Table2  
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>SEQUENCE:660:prostate\_MPM2000-004P1Novel007-2-Table2  
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>SEQUENCE:664:prostate\_MPM2000-004P1Novel007-2-Table2  
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>SEQUENCE:665:prostate\_MPM2000-004P1Novel007-2-Table2  
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>SEQUENCE:666:prostate\_MPM2000-004P1Novel007-2-Table2  
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TGAAGTGAGTTCCACCTGACCAGTCTTGAGCAGCCAACAGGCTTAATTAAGCCCGCCTGG  
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GCAAAATAATCTGCTTACCTACTCACATTGGAAAAGCCCTCTGAGCTGAATAATTTTGGC  
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>SEQUENCE:667:prostate\_MPM2000-004P1Novel007-2-Table2  
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>SEQUENCE:668:prostate\_MPM2000-004P1Novel007-2-Table2  
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TCACTAGAGATCAGAAAGAAGCACCCTATTTTCTTCTATGACGTGTATGTGTTGGTCAT  
GAGCATGCTAGTATGAATAAGGCAATGTGTTAAGCACTGGCATACAAATGCAGCTAAAGG  
TGCTGAAGGAAGGCAGTGGGGTGGTGCAGGCACACAGCAAGGAGCTCTTTCCCGTGACAC  
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CCTTAATCATGG  
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>SEQUENCE:671:prostate\_MPM2000-004P1Novel007-2-Table2  
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AATTCATTTAATAATACCGATGACGCCAGGCACGGTGCCTCACGCCTGTAATCCTAGCA  
CTTTGGGAGGCCGAGGTGGGTGGATCACCTGAGGTGAGGAGTTTGAGACTAGCCTGGCCA  
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AGGTTGCAGTGAGCCGAGATTGTGCCACTGCACTCCAACCTGGGCAACAAAGCGAAGCAC  
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>SEQUENCE:672:prostate\_MPM2000-004P1Novel007-2-Table2  
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GGACATTGCATAAAAGAGGTCCATATCCAGGCTAACTCTAGAAATTTTATTCTCAAACCT  
AGTTGGCCTCTTTTTCTTCTGTGAGAGGACCATTCTTAGTGGCACTGGGGAAATCTTGGC  
ACCCAGAAGAATTCAACTGCGCTCACTGCAAAAATACAATGGCCTACATTGGATTGTAG  
AGGAGAAAGGAGCCCTGTATTGTGAGCTGTGCTATGAGAAATCTTTGCCCTGAATGTG  
GTCGATGCCAAAGGAAGATCCTTGTAGAAGTCATCAATGCGTTGAAACAACTCGGCATG  
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>SEQUENCE:673:prostate\_MPM2000-004P1Novel007-2-Table2

TAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTG  
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TCAAGTGTTTACCTTTGGTCCGACCTTCCGAGCTGAAAATTCTCAGAGCCGGAGGCACCT  
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>SEQUENCE:674:prostate\_MPM2000-004P1Novel007-2-Table2

AGGGCGAATTGGGCCCTCTAGATGCCTGGCCTCAGCGGCCGCCAGTGTGATGGATATCTG  
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TAGGAATATAGCACATGACATACGGCATGATACAGGCACCTGTGTGATCCTTTGGGGACT  
TAGGTGGTGCATATTAATTAGCCCCTGGAAAATAAAATCTGCTTCCTTCTGAGAAAAGCT  
ACCTCAGTGCTTATTGGCTTAAGCCATCAAAGAAATTAGATGAAATACTGTTAGGCTGGG  
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>SEQUENCE:675:prostate\_MPM2000-004P1Novel007-2-Table2

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TTCCATTGCTGGAACCATCAGTAAACACTGCCAGAGCATTTTTTAAAGGCTTATGTTTGG  
TAACTTTAGGTAAAATCCAAGTAGTCAATTTTAAAAACTGGAAGATTTTGTGTTTGGGGT  
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>SEQUENCE:676:prostate\_MPM2000-004P1Novel007-2-Table2

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GATGGAGACGAGGGTAGGCTTCTTTTCAGATTATACATTCTGGATCAGAAAGTCTATATC  
AGTGGGATTTTCTGAATGACCCAAGTTTTTTTTGGTTGTTTTTGGTTGTTTGTGTTTGT  
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>SEQUENCE:677:prostate\_MPM2000-004P1Novel007-2-Table2

AGGGCGAATTGGGCCCTTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCA  
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GTTGAGGCAGCCC

>SEQUENCE:678:prostate\_MPM2000-004P1Novel007-2-Table2

ATACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT  
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TGGTTATAGGTATACCGAAACGCCTGATGACCCCTATCTAATTTCTAGTTATCTACACTT  
AGTCATTTACACACAGTCTCATTTGGCATCCAGAACATGTACCTTGTGAAGGCTTTCCGT  
GCACATCGGGTCACCAGTGAAAAGTTGTGCAGAGCCCAACATGAGCTTCATTTCCAAGCT  
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>SEQUENCE:679:prostate\_MPM2000-004P1Novel007-2-Table2

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AA

>SEQUENCE:680:prostate\_MPM2000-004P1Novel007-2-Table2

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>SEQUENCE:681:prostate\_MPM2000-004P1Novel007-2-Table2

TAATACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAG

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TGTGATGGATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGACGTACTATACAGAG  
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CTTCCAGGGCCCTCAATTACAATGCAAATCCCAAAGAAGGCTTAACCTCAGCTAAAGTC  
CCTCCTCAACTGACACCTCTAATACCCAAATAAGGATGAGCAGGAAAGACAGAAGGGACA  
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>SEQUENCE:682:prostate\_MPM2000-004P1Novel007-2-Table2

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CTATCTGTACCACGATGTACAAGAGTTATATTAATTATACAACACATATCTGGACACATA  
CAAGGAAGGCGGGCAGTTTAAAAAAAAAAAGTTAATCCTGTGATATTAATGGAATGACAT  
TTTGAGGTCTTGAGAATGGGCACAAAAGTGGGAAATGAATTTCAAGTATGGGCAAAGACAC  
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>SEQUENCE:683:prostate\_MPM2000-004P1Novel007-2-Table2

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GAGTTGCATATACTGTAGATAAATCATATTATTTTGGCAATTTACAAATTCCTCTGGC  
CCATCATGTCAGTCATTATTGAGTATATGCACACATTGCTACTTATTTGATTATGTATCT  
TTTAAATTGATTCAAGTGCATAGAAAATCTCTTACAAACTTTAAGTGCTCTGATATGA  
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>SEQUENCE:684:prostate\_MPM2000-004P1Novel007-2-Table2

TAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTG  
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ATACTGAGAATAGAACCCTAAGAAGCAGAAAAGAGAAGATATTCTCGTGGGGGAGAACAA  
ACGGCTGGGAGGGGGGGGAAGCATGGCCAAGGCAAAGAGGTGGGCATTAATAAGAACTGCT  
TCTTGCTGCCGCCATATGAAGAAGGACGTGTTCTGCTTCCCCTTCTCCATGATTGTAAGT  
TTCCTGAGACCTTGCCAGCCATGCTGAACTGAATACAACATGTTTAAGACCACAGAACAT  
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>SEQUENCE:685:prostate\_MPM2000-004P1Novel007-2-Table2

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TTGATACGTGTATAACCAATACTTTATTCTCACTGTAGTCAAGGACTCATTGCAATTCAG  
AAATGAGAAGCTGATCCGGAACCTCCACTACAGCTCAAAGAAATTCTCGAATGTTCTCACC  
TATTAACAGTTATTAATAATGGAAGAAGCTGGGGATGAAATTGTGAGCAATGCCATCTCCT  
ACGCTCTATACAAAGCCTTCAGCACCAGTGAGCAAGACAAGGATAACTGGAATGGGCNAG  
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>SEQUENCE:686:prostate\_MPM2000-004P1Novel007-2-Table2

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GTCAAGTGATACTGAGTTTTGATGACTCATTCTTTGGCCCGGTGTAAGCCACTTTTCCA  
TTGCTGGAACCATCAGTAAACACTGCCAGAGCATTTTTTAAAGGCTTATGTTTGGTAAC  
TTAGGTAAAATCCAAGTAGTCAATTTTAAAACTGGAAGATTTTGTGTTTGGGGTAACGA  
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>SEQUENCE:687:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT  
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CAAGATACTGAAAGTAATGCCAAGTGAAAGACCAAGGGGGTGGGTGGAGGGCTAATGGGC  
TGGAAGAAATAGCCACTTGATTGCTAGTTCATACAAGATGTGGCAGCAACTCCTTTTCTG

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GCTGGAGATCTTGGATGTCACATCTTAGAATCAGGTGGCAAAGCATCTGTGAAGGGCAAT  
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GGAGCTTGGTAAAGATCAGGTTATTTTACCATTGACCAAGCTCTTGGCTTCTAAAAGGTC  
CTAAATTTTTGTTTCCTTTGCTTTCACGAGTGTTTATTTGCTTTCAGGAACTTCAAGGA  
AAAAGGTTAAGTAATGGAGGGAGGAAAGAGGGGAGGGGTTGGCAGATCAAACACAGGACTT  
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>SEQUENCE:688:prostate\_MPM2000-004P1Novel007-2-Table2

ACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGG  
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CAAAAGCAACCACAACCTGAAATTGAAGGAAACGCCAGAGCCAGTTACAAAGACAGAGGAC  
ATCCACCTATTTCAACAGGACCACCTCAAGATGAATGGGGACCACAGCACTTCTGGCATG  
ATGTGAAGCTTAGGTTTTATTACAACACATCAGAACAAAATGTTGTGGACTACCATGGAG  
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>SEQUENCE:689:prostate\_MPM2000-004P1Novel007-2-Table2

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TGACCTCAAGCCGGCTGTGAACGTAGTTCCTGAGAGATAGCAAACATGCCCAACAGTGAG  
CCCGCATCTCTGCTGGAGCTGTTCAACAGCATCGCCACACAAGGGGAGCTCGTAAGGTCC  
CTCAAAGCGGGAAATGCGTCAAAGGATGAAATTGATTCTGCAGTAAAGATGTTGGTGTCA  
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>SEQUENCE:690:prostate\_MPM2000-004P1Novel007-2-Table2

ACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGG  
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AGAACTTGGGAAGCTCTGTTTTTCTATGCCCTGGAAACATTTAAATATTTAGAATTTTT  
GCTCTTTGAAGTTTTTATAACATGTATGAACTGTCCAAATCTAGTAGTGCCTTTTTAGG  
AAATATG

>SEQUENCE:691:prostate\_MPM2000-004P1Novel007-2-Table2

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CCAACAATCAGTGATGCAGAATGAGGCTATTGAACAAGTAAGGGCTATTTGCCTCAGGGC  
CTGGGGAAAAATTCAGGACCCAGGAACAGCTTCCCTATTAATTCAATTAGACAAGGCTC  
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>SEQUENCE:692:prostate\_MPM2000-004P1Novel007-2-Table2

TACACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA  
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AGCAGAGAGGGCTAGGTTGACGGTCTCAAACCTGGCACCGGGGAGCCCCGTGACTGGGTTT  
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TTTTAATGTCACTAAGCCATGCTGTAGAGCCCTTCTGGAAGGACTTAGGTGGGACAAAGA  
GCCAGAGTCCACAACCTTCTGTATTGTTACAGGGCCCTAGTGCATCCTGGGAAGTTTCTC  
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>SEQUENCE:693:prostate\_MPM2000-004P1Novel007-2-Table2

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TGGAAACAAACTATTGGGTGAATAATTGGTTGCTCTATTATTATTATTATTATTATTGCT  
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AATATCTGAACTACCCCATAAAATAATTCTCTGACTTAAAGGCATTTAGCTGTTGCTTAT  
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TCGTTGGCCTAAA

>SEQUENCE:694:prostate\_MPM2000-004P1Novel007-2-Table2

ATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTTTCGGCGGCCGCC  
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GCTCTAAATACCTGATGACTCAACGCTTTGCACAAACCAATCTTGCTGATTATTAATAATT  
TGTCCCTGGGCAAAAATAAGGCAATGCATGCTAAGGCTTCAAATGCAAAGGATTCACTGT  
AGTTTGATTCTTTCAAGAAATAGAAAATCGACCATAACCTTTGCCTTTATTAATCCATGG  
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>SEQUENCE:695:prostate\_MPM2000-004P1Novel007-2-Table2

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TTGAGGGTTGTATTTCTTTATCATTTAAAAATATCCTAAAGTCAGTAATTTATATAAGGA  
AACTCATTCAATTATTGAAGGTATTAAAAATAGCCATCATCTGTATTAGGTAGCAGTTTTG  
GAGGATCATCTTTTTCTTTTGTATAAAGCCCTATTAATGAAGATACTTCCAGTAGAGT  
TAATAGCTGTAGCTTACCTAGTGTGTTAATGAAGTGTGTTTATTTATGTGACTTGATACC  
AGTAGTCATAATAGAGACTGAAGAGGTATGCGTTAAGCACGCCTACTTCTATGCAGTAAA  
CAGGCTGCAGCTGCCTAGATTAGATTCTTAGAAATGTCATATTTTGAATTGTTTTATTTT  
TTGGAGGGGAAGCTTTGTCCCACTTCATTCATTTGTATGCCATAAGAATTACATATTGGT  
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>SEQUENCE:696:prostate\_MPM2000-004P1Novel007-2-Table2

ATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCT  
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TTGTATGC

>SEQUENCE:697:prostate\_MPM2000-004P1Novel007-2-Table2

CGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATG  
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TTTTTTTTTCGCTCTTTGTAAATTCTTTATTGCCAGGAGTGAACCCTAAAGTGGCTCACA  
AGAGTGCCCTATTTCTTTCAATTAACAAGGACAAACACATCTCAAAGTTGAGATAAG  
TGACCAGTATGATTTGCCAAAATTCTAAAGCGCACTCACCATGAAATGGATAAAGGTTAC  
CTTTGGGGATTTGCACTGCATGAATTCTGTGAAAAGCTTGTTGGATATTGTGATAGAGAT  
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>SEQUENCE:698:prostate\_MPM2000-004P1Novel007-2-Table2

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TGAGGGCAGTCTCTGACGCGAACGTCTCTTCCTCGTGGTTTTTATTGTCAGTATTCACAC  
GAAGTTTAAGTCTCCTAGTGGGCACCCAGACGGGATTGACGATCTCCTGGTAAACACAA  
GCATACCCTCTTCCCCACGTTATAATTGTTCCAGGTTCCAGGTATTGGTTTGGGAGTTT  
TTCCATGACACTGGCTTGCCTTCGTTTAGGGAGAATTTTTTGCCTGTATAATGGCATTTA  
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>SEQUENCE:699:prostate\_MPM2000-004P1Novel007-2-Table2

CGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA  
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>SEQUENCE:701:prostate\_MPM2000-004P1Novel007-2-Table2

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AGACCAAAAGTTAGGGCCTAGTTGTATTTCTTAGAAATACAAAGAAAACAAGTTTAGAAT  
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AGACTCTAGTCTTGCTCTGTTGCCCAGGTTGCTGTGCAGTGGCGTGATCTTGGCTCACTG  
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>SEQUENCE:702:prostate\_MPM2000-004P1Novel007-2-Table2  
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TTTTAGGAACTCAGTGTAAGTCCCCCTCTGCACCATTTTTACCATCTTTCAATATCAGAAT  
CTGACTTGCAGCTTTGAGGTACATGCTGCCAAGGGTCGGGTGCCAAGAGAGAGCAGAATG  
AAGCCAGGTCCCCAAGGAAGTGAGGGCCCCAAAATAGGGAGTGTGGGTGATGAGGGTGGAG  
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>SEQUENCE:703:prostate\_MPM2000-004P1Novel007-2-Table2  
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AAACCAATGATCTCAGGAGATATTTTTGGTCTGTCTTCCCTGAAATAAGAATTGTGTTTT  
GGAAATCTAAAGGGTGTTCTGTTCCAAAATCTTAAGTTATTAGTTATTTCCACATCAAAT  
AGCAAACACTACAATACAGCCAGGGAAAGAGGATCTTCCAAACAAACAAAAAAGGTATGT  
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>SEQUENCE:704:prostate\_MPM2000-004P1Novel007-2-Table2  
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GAACTGGTTCGGCACTCACCTTTCATGAGATGGATGTGGTGGCTTTTCTCCTTTTTCATC  
AAGACTCCTCAGCAGGGAGCCCAGACCAGCCTGCACTGTGCCTTAACAGAAGGTCTTGAG  
ATTCTAAGTGGGAATCATTCCAGTGACTGTCATGTGGCATGGGTCTCTGCCCAAGCTCGT  
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>SEQUENCE:705:prostate\_MPM2000-004P1Novel007-2-Table2  
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TCTTCAACTCCTACATACTTCCCCCATTATTCCTAGAACCAGGCGACCTGCGACTCCTTG  
ACGTTGACAATCGAGTAGTACGCGGGGGTCTGGTAGAGGCAGAAAGGAGAAGGTCTGGGTGT  
AGAAGCTGGGGTGGCCGGCAGCTCGCTCATCGGTGTTCTGTGGGCTTTGTCTGGTCCGTGCC  
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>SEQUENCE:706:prostate\_MPM2000-004P1Novel007-2-Table2  
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CTGAGACAACACACAAATTCTGCTGAGTCCCCGTCACAGACTACTTCTGAAGGTCACCGG  
TGAGGGCCTAAACAAGAGTCCACTTCTTGTTAGTATAATAACTTTTTATTGACATCTAC  
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>SEQUENCE:707:prostate\_MPM2000-004P1Novel007-2-Table2  
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>SEQUENCE:708:prostate\_MPM2000-004P1Novel007-2-Table2  
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CATTTACAGATGAAATGGAGACCTAAAACAGAGCCAGCAATTTGGGTAACAGAAATAGAG  
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GCTCTTGTGATGATCAAATGAAATAATGTGAAACCGGTTTATAAACCTAGAGTATTAATG  
TTATTCCGTGGAAAATTACATANACACAAATATCTTTGGAAAGGTAATTTAAACAAAGTT  
TGTGGAAAAGATAAAATAACATTATGCTAAGTCCTTTTCATGTTTTTTTCATTGGCCTTATT  
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>SEQUENCE:709:prostate\_MPM2000-004P1Novel007-2-Table2

GCCAGTGTGATGGATATTTGCACAATTCGCCCTTATCGTGGTCGCGGCCGAGGTACCAAC  
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TTGTGATCCTTC

>SEQUENCE:710:prostate\_MPM2000-004P1Novel007-2-Table2

GACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCATCTGTGTGAT  
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GGCAATTCTGATGAAGATGAGGAGCAAGATGACAAAAATGAAGAGTGGTATCGATTGCAA  
GAAAAAAAAAATGGAAAAAGACCCAAGCAGATTGCTTCTTTGGGCTGCTGAAAAGGGGGGG  
TAAAAAAAAAATTACAGAGGGAAGTGTGACAGTAGGAAAAGCACTGGGTTCAAGCCAGA  
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TAGTGGATCCGAGCTCGGTACCAAGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGT  
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>SEQUENCE:711:prostate\_MPM2000-004P1Novel007-2-Table2

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AGAATGAGGCTATTGAACAAGTAAGGGCTATTTGCCTCACGGCCTGGGGAAAAAATTCAGG  
ACCCAGGAACAGCTTTCCCTATTAATTCAATTAGACAAGGCTCTAAAGAGCCATATCCTG  
ACTTTGTGGCAAGATTACAAGATGCTGCTCAAAAGTCTATTACAGATGACAATGCCCGAA  
AAGTTATTGTAGAATTAATGGCCTATGAAAATGCAAATCCAGAATGTCAGTCGGCCATAA  
AGCCATTAAAAGGAAAAGTTCCAGCAGGAGTTGATGTAATTACAGAATATGTGAAGGCTT  
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>SEQUENCE:712:prostate\_MPM2000-004P1Novel007-2-Table2

TATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATC  
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GTGAATCGCTTTAGCAAGCGGCGTGACTCTCCGCTGCCCGTCATCTTGGCCAATATCTAT  
CTGCTGGTTCCTCCTGTGCTCAACCCAATTGTCTATGGACTGAAGACAAAGGAGATTCTGA  
CAGCGCATCCTTCGACTTTTCCATGTGGCCACACACGCTTCAGAGCCCTAGGTGTCAGTG  
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>SEQUENCE:713:prostate\_MPM2000-004P1Novel007-2-Table2

CGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA  
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>SEQUENCE:714:prostate\_MPM2000-004P1Novel007-2-Table2

TATACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCTGCTCGAGCGGCCGCCAGTG  
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GGAGGGGCAACAGGATGAAATACAACAGGGAACATTGCACCCTGGTTAACTGATTATCAA  
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>SEQUENCE:715:prostate\_MPM2000-004P1Novel007-2-Table2

CGGAGCTTACATTCTAGCAGGAGGACAATATTAATGTTTATAGGAAAATGATGAGTTTAT



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GACAAAGGAAGTAGATAGTGTTTTACAAGAGCATAGAGTAGGGAAGCTAATCCAGCACAG  
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AGACCCTAAGGTGGGAAGGTTCAAAGAACTGAAAGAGAGCTAGAACAGCTGGAGCCGTTT  
TCCGGTGTAAGAGAGGAGTCAAAGAGATAAGATTAAAGATGTGAAGATTAAGATCTTGGTG  
GCATTCAGGGATTGGCACTTCTACAAGAAATCACTGAAGGGAGTAATGTGACATTACTTT  
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AGGTAGACC

>SEQUENCE:716:prostate\_MPM2000-004P1Novel007-2-Table2

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GGACAGGAACCTGAATCTTCAACAGAAGCAAACAACTGGGATGGAGGGCCCAGCCTCAT  
GAAAGGGACCCAAAGGGACCCCTTCCTGAAGGCTGTGTGGGTAGCTTGAGCAGAGCTAGG  
CGGCTTGACGGACCAACATCTTCTCCAGCTGGTTGAAGACAAGCTTCTCATAAGACAATG  
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>SEQUENCE:717:prostate\_MPM2000-004P1Novel007-2-Table2

CTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA  
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AGCCGGGTAGGGAAAGCAGCCTAAAGCCCGGGACAGGCACACAGGCCCAGGTGTGTAGG  
C

CACAGCAGCCGCGAGTCCTGAAAGGCTGCAACACCCAGACCTCCAGGAGAGACCAGGCCCA  
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>SEQUENCE:718:prostate\_MPM2000-004P1Novel007-2-Table2

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GAGGAGTGGATGGCAAACATCTGTAGCAGACAAGCATCAAACCTGGATGGTAGTGGAATTG  
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GAAAGCATGCAAAGAAATATATACATGGGCTCATGCAGGCTGTGCTCAGTCCGCACAATG  
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>SEQUENCE:719:prostate\_MPM2000-004P1Novel007-2-Table2

GACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATG  
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ACGCCCCACCATGCCCAGCTCATTTTTGTATTTTATAGTAGAGACAGGGTTTCACCATGTT  
GGCCAGGATGATCTTGATCTCTTGACCTCATGATCCGCCCTCTTGCCCTCCCAAAGTGC  
TGGGATCACAGGCGTGAGCCACCACACCTGGCCCTCTATTTATTCTCTTTAAAGAGAGAG  
AAAACATGAGAGGCCAAAATTATTTAATTAAATCTTTACCTTAGCACAAGGGAAAAAAT  
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>SEQUENCE:721:prostate\_MPM2000-004P1Novel007-2-Table2

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CTGGCTGCCAGTGCCGGGCTTACCTTTATGTCCCTTGAATGGTAGCCAGCCCATTCGCT  
GCAGGTGCAAACACTTTGCTGATCAGCACGGTGCTGCGCCTGGCTTTACATGCAATACAT  
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CCCATGACACAGTAGTGGAACCTAAGCAAGAAAGATTGGCTCAGGAAAAACCAGTGGGAC  
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ACATGCGGTTAGATGACAGTGGGATTGGTAAGTGATACTATATGAAATGTGAGCCCATG  
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>SEQUENCE:722:prostate\_MPM2000-004P1Novel007-2-Table2

ACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATA

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TCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTAAGTCTGCTGCAGAGCCCTCTCC  
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CCCTCCTACCAAGGTAGATCCAGACGCTGCCACCTCTAAATGTCCTACTCATCAGCATTT  
GAACCCAATGATCTTCCCTGGTAGGGCTCTATTTCTTTAGGTGACCAACCAGACCCTAAG  
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>SEQUENCE:723:prostate\_MPM2000-004P1Novel007-2-Table2

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AAAGGCCTTCAGCAAGAGCTGAATCGATTGTATTCCCTTTTCTGTTCTCGGAATCCAGAC  
TTTGAAGAAAAAGGGGGTAAAGTCTCAATAGTATCACATTCCTTGGGATGTGTAATTACT  
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>SEQUENCE:724:prostate\_MPM2000-004P1Novel007-2-Table2

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>SEQUENCE:725:prostate\_MPM2000-004P1Novel007-2-Table2

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CTCCTCCTGGCCAGGGCAGCAAGCCTTAGCCTTGGCTTCTTGTTTCTGCTTTTTTTCTGG  
CTAGACCGAAGTGACGCGGGGCTTTCTTTTCAGCGGAGCGCGGGCGGCAAGATGGCAGTG  
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>SEQUENCE:726:prostate\_MPM2000-004P1Novel007-2-Table2

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TTGTAATGAAAGTATAATATACCTTGTTACTATTATCAGATTAATTTTTGAAAGTAGAAT  
TCCTTAATCAAGCCAAGGTTATGCTGCTTTATAAGAAATTAATCAGGTAGTTTAACACTA  
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>SEQUENCE:727:prostate\_MPM2000-004P1Novel007-2-Table2

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>SEQUENCE:728:prostate\_MPM2000-004P1Novel007-2-Table2

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TGGCTCCCCAACGATTGGTGAGTTGTCTGTGTATTCTCCGGGGTAAGTATGGGTCACGCA  
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GGTTCCCATGGAAAATATGGTCACCCTATTCAGGGCAGTGGAAGAACACTGTCCTTGATT  
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>SEQUENCE:729:prostate\_MPM2000-004P1Novel007-2-Table2

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CTGCAACATATGAAAATATATTCTACTTCATTCATAATGAGACGCATGAAAATTGTAACT  
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ACCAACAATTGTATTTCTCTATAGTTATTTTAAAATAGTAATCAATGCTATGTATTTGAT  
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CTNAATAAG  
>SEQUENCE:734:prostate\_MPM2000-004P1Novel007-2-Table2  
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ATGCAGGTCACAGGGGATATGATGGCTTAGCTTTGGCTCAAAGACCTGACAGGGGGCAATC  
TACCTAGCTCTGTTTGTAAAATGGGGATCCTAATATAACCTCTTGGGATAGGTTGTAAGC  
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>SEQUENCE:735:prostate\_MPM2000-004P1Novel007-2-Table2  
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TTCCAGAGTGGCTCTACTTTTACATACAGCCACTCATACAATTCAGACAGCAATGTAT  
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>SEQUENCE:736:prostate\_MPM2000-004P1Novel007-2-Table2



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TACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT  
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CAATATCTATCTGCTGGTTCCTCCTGTGCTCAGCCCAATTGTCTATGGAGTGAAGACAAA  
GGAGATTGACAGCGCATCCTTCGACTTTTCCATGTGGCCACACACGCTTCAGAGCCCTA  
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CATTTTGAAGA

>SEQUENCE:737:prostate\_MPM2000-004P1Novel007-2-Table2

CACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATG  
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AAAAACATAACAGCAAATTTGGAAGTACGCGGGGCTTCCACAGGAGGCCTACACGCCGCC  
GCTTGTGCTGCAGCCATGTCTCTAGTGATCCCTGAAAAGTTCCAGCATATTTTGCGGGTA  
CGCGGGGACTGGCAGATTATTGCAAAAGGGCACGGGGCAGAGGGACTATGTTGTGAGCCT  
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>SEQUENCE:738:prostate\_MPM2000-004P1Novel007-2-Table2

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TTACATTGTCAGACTATTCACAAAACAGATTCTAAAATTTGTTTGCTCGTATGCTGTTCC  
CTTCAATGTGATATCAGAGATTACTATGAATGTTAGTTTCATTCCGTGAAACATCACTTT  
TCATTTAAAGACAGAATCTCTTAATAAGTTGAATCTAGTGGAAGAACATAGGGTATTAA  
TTCTAA

>SEQUENCE:739:prostate\_MPM2000-004P1Novel007-2-Table2

GAATTGGGCCCTCTAGAGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATT  
CGCCCTTTCGAGCGACCGGCCCGGGCAGGTACAGTCGAGCCTGGGCGGAAGAGTCCGGCT  
G  
ATGGTGACAGGAGCCGCCCCGTGTCTGCCACTGGCTGACTTCTCAAGCAGCCTGGGCTGT  
CAGTTATAAGGATACGCAGACAATGCACTGCGGGTGCTAACCATCCTGGAGACTGGACCG  
AGCCATGTTGGGGCCCCATGCCGGCAATTTGATAAACTTGTGATGTGGAAGAAATGAATA  
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>SEQUENCE:740:prostate\_MPM2000-004P1Novel007-2-Table2

ACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA  
TGGATATCTGCAGAATTCGCCCTTAGCGTGGTTCGCGGCCGAGGTACTTGGATCAAATGGC  
TACATTAATTGGTCAGGGAAGATTATGAATAATAACATTGTGTGGAAATGACCCAGATAA  
AATCACTGTTCTTTCAACAAGCAACAGGTTAGACAAGCCTTTATCAATTCTGGTGCATG  
GCAGATTGGTCTTGCCGATTTTGTGGGAATTATTGACAATCGTTACCCCAAAACAAAAT  
CTTCCAGTTTTTAAAATTGACTACTTGGATTTTACCTAAAGTTACCAAACATAAGCCTTT  
AAAAAATGCTCTGGCAGTGTTTACTGATGGTTCCAGCAATGGAAAAGTGGCTTACACCGG  
GCCAAAAGAATGAGTCATCAAACTCAGTATCACTTGACTCAAAGAGCAGAGTTGGTTGC  
CGTCATTACAGTGTTAACAAGATTTAATCAGTCTATTAACATTGTATCAAATTCTGCAT  
ATGTAGTACCTGCCCGGGCGGCCGCTCGAAAGGGCGAATTCCAGCACACTGGCGGCCGTT  
ACTAGTGGATCCGAACTCGGTACCAAGCTTGGCGTAATCATGGTCATAGCT

>SEQUENCE:741:prostate\_MPM2000-004P1Novel007-2-Table2

TACACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA  
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CTACTAAGCCCACTGTTAATATAGACGCAGACCAATTGTTAGGAACAGGTCCAAATTGGA  
GCACCATTAACCAACAATCAGTGATGCAGAATGAGGCTATTGAACAAGTAAGGGCTATTT  
GCCTCAGGGCCTGGGGAAAAATTCAGGACCCAGGAACAGCTTTCCCTATTAATTCAATTA  
GACAAGGCTCTAAAGAGCCATATCCTGACTTTGTGGCAAGATTACAAGATGCTGCTCAA  
AGTCTATTACAGATGACAATGCCCGAAAAGTTATTGTAGAATTAATGGCCTATGAAAATG  
CAAATCCAGAATGTCAGTCGGCCATAAAGCCATTAAAGGT

>SEQUENCE:742:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT

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GATGGATATCTGCAGAATTCGCCCTTTCGAGCGCCGCCCGGGCAGGTACAGATTCCTCTT  
AGTCAAGTCCTGATTAAACTCCAGCTAAGACATTAGTAAGCCTNTGGTTNAGTGAAGTG  
GCATCAGGGAAGTGCCTACATTTTCATGGCCTGGTAGCGTTCAGTGAAAATGTTTCATTAA  
CAGACACAGGCCATTTCAGTCCCGAATCCCAAGACACTGAAGACCCTGTTTGAATCAGACT  
CATGGGTTCTTCCTAGCCACTCTCAGGGACAGGAATGCTTCTGGTGAAGAAGTTTTCGG  
TGGT

>SEQUENCE:743:prostate\_MPM2000-004P1Novel007-2-Table2

GTATACGACTCATATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGT  
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TCAATGCAGAGTCCCTCTGTGAATTTACAACACCCAACACCCATGAGTTCAGTCCCTTAAG  
AAGGAAAATTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATCCAG  
GCTAACTCTAGAAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTTCTTCTGTCAGAGGAC  
CATTCTTAGTGGCACTGGGGAAATCTTGGCACCCAGAGGAATTCAACTGCGCTCACTGCA  
AAAATACAATGGCCTACATTGGATTTGTAGAGGAGAAAGGAGCCC

>SEQUENCE:744:prostate\_MPM2000-004P1Novel007-2-Table2

GCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGA  
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TATTCTGTAGAGAACGCTTCCTCTGAGAAGCCACTGGATGTCTGTATGGTGCAGGAGGT  
TATGTGCTGTCTGTCCAGGTTTTTGTGTTTGGGTGTTTTTTTTTTTAAACATTTTTGCA  
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>SEQUENCE:745:prostate\_MPM2000-004P1Novel007-2-Table2

AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGC  
AGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACATGGGACTACAGGCACGCCCCACCA  
TGCCCAGCTCATTTTTGTATTTTTAGTAGAGACAGGGTTTCACCATGTTGGCCAGGATGA  
TCTTGATCTCTTGACCTCATGAT

>SEQUENCE:746:prostate\_MPM2000-004P1Novel007-2-Table2

CGACTACTATAGGGCGAATTGGGCCCTCTAGTATGCATGCTCGAGCGGCCGCCAGTGTGAT  
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GGCATAGTAGATCTTAATACTTGCCACAAAGCTACTGAGATAATATGATAATGATACAAG  
AAATAATGGAATAGACAAATAAAACAGAAATTCTCCAGAAAATGTGTCAAATATGTGTAG  
CTATTAAAAACACGCTGGAGCATTTTTAAATTGTAAGGAAATGGTG

>SEQUENCE:748:prostate\_MPM2000-004P1Novel007-2-Table2

CGACTATATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATG  
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CACCAGACTGAAGTAAACAGCTGCGCATCCAATTTATTATAGTTTTGTAAGTAACAATAT  
GTAATCAAACCTTAGGTGAACTTGAGAGTGGAAACCTCCTATATCAATTATTTAGCACC  
GTTTGTGACAGTTAACCATTTTCAGTGGTATTGTTTAATTAATACCACTTAATTATCAA  
CTTTATTTTTTACCCCCAGGTTAAAAATTTTTAAATTTCTACCAAAATAAACAAT

>SEQUENCE:749:prostate\_MPM2000-004P1Novel007-2-Table2

ATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCT  
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AAGCTGTTCTGACTGCCAGCTGGCTGATCTAAGCTCCTGAGGAATGTCTCCTCTCAAAGG  
AATTTTTCCCTCAAAGGCCCCCTGAAGTCCTAGTTGGCATTGGCCTGGCACATGCTTTA  
TGTTAGGCCTCCCGTTGGGATGGCTGTATAATCATGAAAGACAGATCCTCCGCTAGCCTC  
TGTGGGTCAAGTTTTCTGGACCACCAAGTTCTTTGGGAAACTAGTGTTTGATTTTAAAT  
GGCATTGTGGGCCCTTCCTTGTTTCAAGTGACTTTAGAAAAAGTTAAAGCCCATTAAAA  
AAAGTTAGCAAGATTTTTTTT

>SEQUENCE:750:prostate\_MPM2000-004P1Novel007-2-Table2

ATACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTG  
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TAGCCAGAAAAAAGCAGAAACAAGAAGCCAAGGCTAAGGCTTGCTGCCCTGGCCAGGAG  
GAGGGGTGCAGCTCTCATGTTGAGGAGAGCTGTTTCTGGCAGGGGTTAGGAGGAACTGCT  
ACCACTTCCCCCGCGTACCAAGAGGGGCATAATAATCAGTCTCACAGTAGGGTTACCAT  
CCTCCAAGTGAAAAACATTGTTCCGAATGGGCTTTCCACAGGCTACACACACAAAACGGG  
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&gt;SEQUENCE:751:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTCATATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
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AAACCAAACATGCTTATAACATTAAGAAAAACAATAAAGATACATGATTGAAACCAAGTT  
GAAAAATAGCATATGCCTTGGAGGAAATGTGCTCAAATTACTAATGATTTAGTGTGTGCC  
CTACTTTCTCTCTCTTTTCTTTCTTTTTTTTTTATTATGGTTAGCTGGGACTAGAGG  
AACGTGCCACCATGACTGGCTAATTTTCTGTATTTTTTAGTAGAGACAGAGTTTCACCAT  
GTTGGCCAGGATGGTCTCGATCTCCTGACCTTGTGATCCACCCGCCCTCAGCCTCCCAAAG  
TGTTGGGATTACAGGTGTGAACCACTGTGCCCGGCCCTGTGTACCTCGGCCCGCACCACGC  
TAAGGGCGAATTCAGCACACTGGCGGCCGTTACTAGTGGATCGGAGETCGGTACCAAGC  
TTGGCGTAATCATGGTCATAGCT

&gt;SEQUENCE:752:prostate\_MPM2000-004P1Novel007-2-Table2

ATACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTG  
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CTTCCCTTCGGTGTGCCACTGAAGATCCTGGTGTGCCATGGGCCGCCGCCCGGCCGT  
TGTTACCGGTATTGTAAGAACAAGCCGTACTTTTTTTTTTTTTTTTTTTTAGGTAGAGA  
ATAGTGACCTTTTGGGTAATACTTTAGCTGTGAAAATTTTTTTCTAAATTTTCTACTC  
TGAAACAGGAATGTTTTAAACACTGTTAGGCCTATTGAGTGAGCTATTTTCTAAACAT  
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&gt;SEQUENCE:753:prostate\_MPM2000-004P1Novel007-2-Table2

CCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTT  
TCGAGCGGCCGCCCGGGCAGGTACACCTTTGACTACAGCTGCAGAAAGTGTTCCTTTAGAC  
AAAGTGTGACCCATTTTACTCTGGATAAGGCAAACCGGTACATTCTATTGCAAAGTTACC  
TGCTGAGCTTTTCATTTTTGTCTACCTCATTTATTGATTAAATGTTTAGCACCTAAGACAA  
ATGTAAAGAAAGATGCAGAAAAATGAATGCTGGTATCTTACTTATGTATTTAAGCACAAAC  
ACAAAACAAAACCCATGTATTAACCTTTTTTTTAGGATTTTTTGCTT

&gt;SEQUENCE:754:prostate\_MPM2000-004P1Novel007-2-Table2

ACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
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CCCAAACCAAGGTGATTCTAGTGAAGACTGTCAATAAACGGAGCATGTGATCAAGCAGGGC  
CCATCAGAATCCTTCCCTAAGATTTTTATAAAAAGCTGGACCTATTCTTTTTCCATTTGA  
GTGGCAAATATTGAAGATATGAGGTCTAAAGCTGTGATGGCTTATTCTCCATCCCTGTG  
TGAATGCTGGTCTATAGTAAGCGAAAAACAAGGCCATTATGCAGAGGGCAGCAA

&gt;SEQUENCE:755:prostate\_MPM2000-004P1Novel007-2-Table2

ACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA  
TGGATATCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACTTGAGAAAAATG  
GATATTTTTGTAGTAAGTGGTTGCAGAACTCTATGTATGCCATTAGGTTTGGCGTATTA  
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GATGTTGAAATCTCTCAATTTACCAAATTTTCTTGAGTTCTAGCACTTTTACTTCATA  
TATAGTGACTATTTTCTTGTTTTAAATGTTTATATTTCTTATTGAACCTTTATCATTAT  
GTAGTGATGCCTCCATTTCAAATGCTTCTTCTTTTTGTATCATACTAACAGAGCCACA  
CCAACTTCCTTTTTGTTGACCTAATATGCTATTTTTTACACTTTTACTTTCTACTCTTA  
ACCCCTAGGCTAGCCTGCTTCTCTACACTTTTACTTTCAAACATTTTCATGTCATTCTGCT  
TTGCTGTAGCTTTTGAAGCACCATAACAGATTGTTTAAATCCAATCTGATAATCTT  
GGTCTTTTAATGAGAAAATTTAGTTAATTTACATTTGTTATTTTTTTGTACCTC

&gt;SEQUENCE:756:prostate\_MPM2000-004P1Novel007-2-Table2

TACACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA  
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GCAGTTGGTATAAAGGTGCCCTTAGTAATAAAAGTCAGTGTGAAGTCTAAAGAAATTCCA  
CAATGAATTTAAAGACAAGAATTTTAGGGACAAGGATACAGAAATTTGCCTAGTTACTTG  
CACACAGCAGATGGTAAATATTTTATTGACTCAATGGAGTAATGTTAAAAATAAGGTTTC  
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&gt;SEQUENCE:757:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTCCTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG



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ATGGATATCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACGGAAGAAGAAA  
ATGATAATTCTTTAGAAAAAGATATAGCAACGAAGATGCGTCTTCGGGCTTTATCAAGGT  
ATGGACTTGATACAGAGCAGGTGTGGAGGAACCACATTTTAGCTGGAAATGAAGATCCAC  
AGCTCAAGTCACTCTGGTATACTCTGCACTTTATGAAGCAATACACAGAAGATATGGATC  
AGAAATCTCCAGGCAACAAAGGATCATTGGTTTATGCAGGAATTAATCAATTGTAAAGT  
CATCGTTGGGAATGGTGGAAAGCAGCAGACATAATTGGAGTGGGTT

>SEQUENCE:758:prostate\_MPM2000-004P1Novel007-2-Table2

ATACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTG  
TGATGGATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACCATCAAATGAG  
TTGGTGTTAACTGCATTCTTTGAAGTCTTGGGGATTCTGAGGAGCCCTCTTAGGGAACA  
TCTTGGGGAAGGGAAAGAAAGGGGAACTTGAGGCTGGGCAGGTCTGTTGTCTGTCTTCAA  
TCAGAGCAGCTTTGTTTTCTGTTATGTATTGGTTGTCCATAAAAACAAAACAAACACAG  
TTGCTTGAAGAAAGCATACCGCTGCTAAATAAATAAAGCAATAGCAAATAACTTTTGAAG  
ATGGGCCAGAGC

>SEQUENCE:759:prostate\_MPM2000-004P1Novel007-2-Table2

GACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATG  
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CAGCTGCCCATTCCTAAAGAAGAATAGCCAGGTCTGGCTGGGTCGGCACAACTGTTTG  
AGCCTGAAGACACAGGCCAGAGGGTCCCTGTCAGCCACAGCTTCCCACACCCGCTCTACA  
ATATGAGTCTTCTGAAGCATCAAAGCCTTAGACCAGATGAAGACTCCAGCCATGACCTCA  
TGCTGCTCCGCCTGTCAGAGCCTGCCAAGATCACAGATGTTGTGAAGGTCCTGGGCCTGC  
CCACCCAGGAGCCAGCACTGGGGACCACCTGCTACGCCTCAGGCTGGGGCAGCATCGAAC  
CA

>SEQUENCE:760:prostate\_MPM2000-004P1Novel007-2-Table2

ATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTC  
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CACAGCCTCCTCATCCAGGGTCAAAGCTGCGAAACCTGTGGGATCGGGATGCACTTACCC  
TGCGTGGCCAAGTACAAGACCACACCGGATGTCATCTTTGTATTTGGATTTCAGAACTCAT  
TTTGGTGGTGGCAAGACAACCTGGCTTTGGCATGATTTATGATTCCCTGGATTATGCAAAG  
AAAAATGAACCC

>SEQUENCE:761:prostate\_MPM2000-004P1Novel007-2-Table2

CCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTT  
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CTGTCCCCTTTTAATCGGCGTTCTCTTGGTGCCTCTTTTTTGTATGCCTGTGTCCCCTG  
CAGCACTGTCAGTATGTTCCAGATCACAAACATCTTTTTCAATGTCTTGAAGGTTGAAAT  
TCCCTAGTTTGCTTAATGAGAATCCTTCAATCCATGATCCTAGATATACAGGCAAAAGGG  
GTTCTTTCTCTGCTGAAGAAAGAAAATGGCCATCAGGGCAAACACATAAGGTGGCAGAC  
CTCCTTCTTCAGGGCGATCTATACTGCAAAGCTTTGCCAGTACCTCGGCCGCGACCACG  
CTAAGGGCGAATTCCAGCACACTGGCGGCCGTTACTAGTGGATCCGAGCTCGGTACCAAG  
CTTGGCGTAATCATGGTCATAGCTGTTTCCTGTGTGAAATTGTTATCCGCTCACAATTC  
ACACAACATACTAACCCGAAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTA  
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>SEQUENCE:762:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT  
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GAATCTGATACAATGTTAATAGACTGATTAATAATCTTGCTAACACTGTAATGACGGCAAC  
CAACTCTGCTCATTTGAAGTCAAGTGAATACTGAGTTTTGATGACTCATTCTTTTGGCCC  
GGTGTAAGCCACTTTTCCATTGCTGGAACCATCAGTAAACACTGCCAGAGCATTTTTTTAA  
AGGCTTATGTTTTGGTAACTTTAGGTAAAATCCAAGTAGTCAATTTTAAAAACTGGAAGAT  
TTTTGTTTTGGGGTAACGATTGTCAATAATTCCACAAAATCGGCAAGACCAATCTGCCA  
TGCACCAGAATTGATAAAGGCTTGTCTAACCTGTTGCTTGTGAAAGGAACAGTGATTTT  
ATCTGGGTCAATTTCCACACAATGTTATTATTCATAATCTTCCCTGACCAATTAATGTAGC  
CATTTGATCCAAGTACCTCGGCCGCGACCACGCTAAGGGCGAATTCCAGCACACTGGCGG  
CCGTTACTAGTGGATCCGAGCTCGGTACCAAGCTTGGCGTAATCATGGTCATAGCTGTTT  
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>SEQUENCE:763:prostate\_MPM2000-004P1Novel007-2-Table2

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AGGGCGAATTGGGCCCTTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCA  
GAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACGCCTAGCCCTGGTTCATGATATGGCA  
GAATGCATCGTTGGGGACATAGCACCAGCAGATAACATCCCCAAAGAAGAAAAACATAGG  
CGAGAAGAGGAAGCTATGAAGCAGATAACCCAGCTCCTACCAGAGGACCTCAGAAAGGAG  
CTCTATGAACTTTGGGAAGAGTACAAGGCTAAGCATTTTAACTTTATACTGGAAAAAAA  
TCAAACAAAGGGGAGGGGATAAAGGACTTAGTCATCTTTGCACTGGAAAACAAAATATGTA  
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TCCTGTGATATTAATGGAATGA

>SEQUENCE:764:prostate\_MPM2000-004P1Novel007-2-Table2

CGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGAT  
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GATCTACACGTCAAATAGCAAAGCATTACCCCTGTAATGCTTTTAGATTACAGAAGAA  
TCTAGATAGAACCAAATACATATACTGCCATGGCCATGTGATTTTCAAGTATTAAAAGTT  
CATTTGCATAAGGAATCAACCTGAGATTTTCCTAAACCACTTCTCTGGCACTCAGTATTA  
TAGCCTTCATTCAATAACAATAAAGCCAACAACCTTGACAATTATTGAAAAAAAATTATAT  
TTTGAAGAAGCACTACATAAGGTGACAGAATTCCAAATCAAATTACATGAAAATATA  
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>SEQUENCE:765:prostate\_MPM2000-004P1Novel007-2-Table2

AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGC  
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T

CCATAAATACTGGACTGAAAAAACATTGTAATACTACAAGTATAATGACATTTAGAAGAT  
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TGATTTTAAACCAAAGGAATATATTTTAACTTGAATCTTTTCTTGCAATTGTATTTTCT  
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>SEQUENCE:766:prostate\_MPM2000-004P1Novel007-2-Table2

CTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA  
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AACATTTATATAACCAAATATAGCCATCTGAAGATAAGGGATTGCATTTGATACTTTT  
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>SEQUENCE:767:prostate\_MPM2000-004P1Novel007-2-Table2

CACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATG  
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AGCATGCAG

>SEQUENCE:768:prostate\_MPM2000-004P1Novel007-2-Table2

GGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCC  
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GCAGGGCATCCACCTCATGATACTAAAGGTATCATAGTTCATACTAGTCTCATTAAATTCT  
GACTCCTCTGATGAGATTAACTTATGTAACTTATGGAGTCTGCCAAAGTTCCTGTTTC  
CATTCCGGCCAGTGAGTCAA

>SEQUENCE:769:prostate\_MPM2000-004P1Novel007-2-Table2

CCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTT  
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CATGCCCCGCCTGTCTGCTGATGCAACTCTTCTGACCTCTGGGACTACTGCAACAGTAGCC  
CTATTGCGAGATGGTATTGAACTGGTTGTAGCCAGTGTTGGGGACAGCCGGGCTATTTTG  
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GTAAATGGCAGGCTTGCAATGACAAGAAGTATTGGAGATTTGGACCTTAAGACCAGTGGT  
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>SEQUENCE:770:prostate\_MPM2000-004P1Novel007-2-Table2  
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ACACTGAGAATATTTTTAAGAAGCCACACATCACAGAATTTGATAGTCAACTCATGCAAT  
GAGTTCCTTTTATATTTTCATCAAAAGGTTTACTTGCCCCTTTACTTGTTCCAAATTTCCA  
AGATTAACTCTTAAATTTGAAAAAGTATCTTTTTAATAAAAATCAGGTATCTCTTTATAT  
CCATGATCTATATGGACAGTGATTTGGATTTTTCAATCAAACCTCTCCCTAAGATACACC  
CAGGCTGTGTTTCCATTTTAGAAAGTCCATGGCAGATAGCTCAAATTAAGAAAGCAAT  
TTGTCCAGAATAATTGGTTACTGTCATGAATAGTAGACATTTTTCGGGGTGGGGGAGTGA  
GAGGCTCTCTAATAAGGGAATCATATTAGTTAAGATTACCAGTAAGAAAAAAATAGCTG  
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ACTGGC  
>SEQUENCE:771:prostate\_MPM2000-004P1Novel007-2-Table2  
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GCATCGCTTTAGCAAGCGGCGTGACTCTCCGCTGCCCGTCATCTTGGCCAATATCTATCT  
GCTGGTTCCTCCTGTGCTCAACCCAATTGTCTATGGAGTGAAGACAAAGGAGATTCGACA  
GCGCATCCTTCGACTTTTCCATGTGGCCACACACGCTTCAGAGCCCTAGGTGTCAGTGAT  
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>SEQUENCE:772:prostate\_MPM2000-004P1Novel007-2-Table2  
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AAAGAATCCCAGGATTTTCCCTCCTGTGTGTTTTCGTCTTGCTTCTTCATGGCCCATGAT  
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>SEQUENCE:775:prostate\_MPM2000-004P1Novel007-2-Table2  
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>SEQUENCE:776:prostate\_MPM2000-004P1Novel007-2-Table2  
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AGTGGACCCCCAGAATCACCCCCACAAGTGTCTTTACCACCTGTCCAGAGCCCAGCACAC  
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>SEQUENCE:777:prostate\_MPM2000-004P1Novel007-2-Table2

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CCATCACGAGCTTCATTTTCACTGAACCTCTACAACATGACTTCTTTTTTTTTTTTTTGA  
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>SEQUENCE:778:prostate\_MPM2000-004P1Novel007-2-Table2

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TTCTTAGTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCCCACTGCAAA  
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GCACCCAGAAGAATTCAACTGCGCTCACTGCAAAAATACAATGGCCTACATTGGATTTGT  
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T  
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CCCGCCCCATGCTTCATGGGATGTTATTACAGTATGGTGCTTTACAGCGAAAATGAGAGC  
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>SEQUENCE:804:prostate\_MPM2000-004P1Novel007-2-Table2

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>SEQUENCE:807:prostate\_MPM2000-004P1Novel007-2-Table2

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AAATTCTAGTTGAGGATAAGGAAACAGGAGATGGGCGAGCTTTGGTTCATAGCATGCAAA  
TC

>SEQUENCE:813:prostate\_MPM2000-004P1Novel007-2-Table2

AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGC  
AGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACTTCAAGGTCTGGAACATGTTGAG  
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>SEQUENCE:814:prostate\_MPM2000-004P1Novel007-2-Table2

TAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTG  
CAGAATTCGCCCTTTTCGAGCGGCCCGGGCAGGTACAGTTTCCACTGAATACTTACAGC  
TTTTGCACCGATATAAAGGTAAAAAATAAATCCTAAGTCTGAGACTGTCTGTATTAG  
TCTATGTAAAGTTCACTTTAAAGGTAAATATTTCTTATGAAGAATAACAAAACATTCTAT  
GTCATATATATTTGGGGTTTTCCAACATTGTTCTGGATGGTATATGTCATTGCTCCTTT  
CTCATAAAATTGATAGTCAAGATTTGCTTCTACAGAAAAGGGAATTTAACTATTTTCTT  
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>SEQUENCE:815:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
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AGACAAGAGGAATAAAACCCACATGAATCACTGTGGCATCCAGTTTCTATTCACAAAGAA  
AAAGCTCCAGTCCATCTTTTTAATTTTTTTGAAAAATNTCCCTGACATTACCCAGAACTA  
AANNCTGAAATGTATTANNATATTCCACTCTTACANTTTCCATNNGACAGAACAGAAAAA  
TTCATNGAGCCAAAAAATAAACCACAAAAAATAAAGTACTCAACACCAACATCGATGG



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GCGGCGGAAAATAGCCTTTGCCATCACTGCCATTAAGGGTGTGGGCCGAAGATATGCTCA  
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>SEQUENCE:816:prostate\_MPM2000-004P1Novel007-2-Table2

GACTACTATAGGGCGAATTGNGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATG  
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GAGCGAGACTCTGTCTCAAAAATAAATAAAATAGAATAAAATAAAATAAAATGTAACTA  
AAATCGATTTCTAATTTGGGAAACGTAATACTAATAACCATTTGATTTTAAAAAGAATTG  
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GCCTCAGCCAACCTTTTCATCATCTAATAAGACACCCTTAAAGTAATTCCAGCAGAAAGTC  
TCAAAAATTCATTGATCAACCTCCAAAGCACCATCAGGGAAGGTGCTAATACAGTGGATA  
ACAAGAACAATAAACAGCAGAACATGTTATTTAAATTTTGGAGATAATGAAACAATACCG  
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T

>SEQUENCE:817:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT  
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TGTTTTATTATTAGCCTTTCTTAGGTGGACATTTCCATTTGAATTAAGTCCTTTAGGC  
TGGGCGTGGTGCATGGCTGTAATCTCAGCACCTTGGGAGGCTGAGGCAGGAAGATCACTT  
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>SEQUENCE:818:prostate\_MPM2000-004P1Novel007-2-Table2

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TGATAAAAGACTTAACTATGAATAATGTTGGTGAGTTCCATTTAAGCTATAACAATTC  
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TTTCACAACATAATTGA

>SEQUENCE:819:prostate\_MPM2000-004P1Novel007-2-Table2

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AGATCCTAGTTTTCAAGTCTGTCAGGAAAATATTCCATATTGTTTTAAGCCAGATCATAC  
CCATGGAAAAATAGAGAATGGTTTTCTTTCTTTTCTTTCTAACCAATACATGCTCAAGA  
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>SEQUENCE:820:prostate\_MPM2000-004P1Novel007-2-Table2

TACACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
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GCCAGGTTTTTTTTTTTAAATCTATAAATGGCCTGCAAG

>SEQUENCE:821:prostate\_MPM2000-004P1Novel007-2-Table2

CTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA  
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TACAATGCTTGGCACAGTGTCAACTTGTGATAACAGATGCTATCAATAGATGCTATTAA  
TTTTTTAAAGCTAATTATTTTGAATCACCTTTTTGCAATTATTCATGCTTAACTTATTT  
TATAGACAAAATGTGAGTTTCACAGCCATTACCTTTATTACTGAAATCGTCAATTAACAC  
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>SEQUENCE:822:prostate\_MPM2000-004P1Novel007-2-Table2

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TAATTTTATAGTGCAAGAAAAAGGACAAAGACAGGAATAACAATAAATTATCCCGCGTAC  
TCCCACCACCAATGGAACCCCTGAGGCTGCCTTGTCTGAGGACATCAACCTGATTGAG  
GGACTGGGTCTGGGGGGCAGCTTCAGGATCTGGACTGCAGCAGCTCTGATGACGAAGGGG

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CTGCTCAAAACTCTACCAAACCTAGTGCGACCAAGGGAACACTGGGTGGCATGTTTTGGT  
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>SEQUENCE:823:prostate\_MPM2000-004P1Novel007-2-Table2  
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TGGGGTAATGTTTATAAACTTTTGCATGTGAAGATGGGCAATTTGGAAGACTTTTGGTTT  
CTGGAAGAACAGAAATATTCCTGTAAAAATTGAGAAAATCTTCACATAGGTAGTGGGAAA  
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>SEQUENCE:824:prostate\_MPM2000-004P1Novel007-2-Table2  
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TGTCCAGTTTCCTGTTTTTTTACTCAAGGAACAGTCACACATCCTGTTCTGTTGGAGATG  
GGACCTTGGTGGTTTTTGTGGAAAGTGAAACAAAATAATAAAACCTTCTGGCTCCCTAG  
CTTGTCTACTTATCTGAAGTCAAACATAATCCACTTATTGGGCCATCTGCAGGATTTCC  
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>SEQUENCE:825:prostate\_MPM2000-004P1Novel007-2-Table2  
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CCATTTGAATAAAATGACAATAACTAAAGCTAGTTAATGTCAGTGACATTAACTAACTC  
CAGGATTCAGGAGTTTTAATGTTAGAATTTAGATTTAACAGATAGAGTGTGGCTTCATTT  
GTCCATGGTAGCCCATCTCTCCTAAGACCTTTTCTAGTCTGTCTTCTCCTGCCTTCGAACCT  
GATGACAGTAAAACCCTGTTTAGTATTCCCTTGTGCATTTGGTTTGTGGTTAGCCGACT  
GTCTTGAACTATTCAT  
>SEQUENCE:826:prostate\_MPM2000-004P1Novel007-2-Table2  
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TGTCTTGAAGAAGAGCTTTGATATGTTTCAAATTCGACGTTGGCTTTGGAAGGAACTG  
TAAATTTACAGATCTTGTCTTCCCCACAAAGAGCCTTAACCTCACAGGTTGGATTATGT  
GGAACCTCACTGCTATTTTTTCAAGTTCTCCTTTAAGTGACTAAGGAACATCCAGATACTTCC  
AAAAAAAAAAAAAGTCTAAGTTTTTCACTTTGTCCATTGCCATTTAATTATCTTCTGCATA  
TTTTAAAGCATTTCTGTGAACATAAGTATTGCCCATCCAGAAAATTTGCGTCTACATTG  
ATTTTATGTTTAATGAAACCT  
>SEQUENCE:827:prostate\_MPM2000-004P1Novel007-2-Table2  
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TTTATTCAGTGTATGGGTCTGGTCAAAGAGCTTTTGTCTATTCAATCCAACTTCAAGT  
CTACCTGTCAACGGTTTGTGGAGAAGTACCTCGGCCGCGACCAAGGCGAATTCC  
AGCACACTGGCGGCCGTTACTAGTGGATCCGAGCTCGGTACCAAGCTTGGCGTAATCATG  
GTCATAGCTGTTTCTGTGTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAGC  
CGGAAGCATAAAGTGTAAGCCTGGGGTTGCCTAATGAGTGAGCTAACTTACATTAATTT  
GCGTTGCGCT  
>SEQUENCE:828:prostate\_MPM2000-004P1Novel007-2-Table2  
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GACGCGTGCCGCGGAGCCAGGCTTACTACGTGACCCGGACACCAGGCATACGCTAGGGG  
C  
AGTCAGCTGTGCCTTCTCTTTCGGAGTTGTTCCGTGCTCCACGTGCTTCCCCTTCTCCA  
CTGGCTGGGATCCCCCGGGCTCGGGGCGCAGTAATAATTTTTTACCATGCATCGGAAAAA  
GGTGGATAACCGAATCCGGATTCTCATTGAGAATGGAGTAGCTGAGCGGCAAAGATCTCT  
CTTTGTTGTAGTTGGGGATCGAGGAAAAGATCAGGTGGTAATACTTCATCACATGTTATC  
C

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&gt;SEQUENCE:829:prostate\_MPM2000-004P1Novel007-2-Table2

AGGGCGAATTGGGCCCTTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCA  
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AATGGAAGAAACAGAGTTGTAGACTCAGACACAGAGACCATCTTCGGGGCCTTTCTCTGT  
GTGAGGACATCACAGCGAAATCTAAAGCAGGTCATGTCAGTCCCTGGCAGGGAACCCCTCC  
ACCAGCTTCCCGTGTTCGCCAGGACAAAAGCCCCACTCCTCACTGTGGCTCCACAGCCCT  
GTGTCCAGGGCCCCTGCCAGTGTCACTCAGGAAGTCTGAATGGGCTAAAAGCCAAAAGGAA  
AAGCTTGGGTAA

&gt;SEQUENCE:830:prostate\_MPM2000-004P1Novel007-2-Table2

AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGC  
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AAATCAGCTTCCTGTTTGGATACCCACTAGACATTTAAAGTTCTACAATGAACTCACTGG  
AGATGCAAAGAAAAGTGTGGAGATGGAGACACCCCAATCGACTCGCCAGTCTACAGGTGT  
ATCCAGCAGCTCCAAAGAGACAGCAACCAGCAAGAATGGGCCATAGTGACGATGGTGGTT  
TTGTCAAAAAGAAAAGGGGGGGGATATGTAAGGAAAAGAGAGATCAGACTTTCACTGTGTC  
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&gt;SEQUENCE:831:prostate\_MPM2000-004P1Novel007-2-Table2

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AGCACCATTAAACCAACAATCAGTGATGCAGAATGAGGCTATTGAACAAGTAAGGGCTATT  
TGCCTCAGGGCCTGGGGAAAAATTTCAGGACCCAGGAACAGCTTTCCCTATTAATTCAATT  
AGACAAGGCTCTAAAGAGCCATATCCTGACTTTGTGGCAAGATTACAAGATGCTGCTCAA  
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GCAAATCCAGAATGTCAGTCGGCCATAAAGCCATTAAGGAAAAGTTCCAGCAGGAGTT  
GATGTAATTACAGAATATGTGAAGGCTTGTGATGGGATTGGAGGAGCTATGCATAAAGCA  
ATGCTAATGGCTCAAGCAATGAGGGGGCTCACTCTAAGAGGACAAGTTAGAACATTGGGA  
AAAAATGTTATAATT

&gt;SEQUENCE:832:prostate\_MPM2000-004P1Novel007-2-Table2

TATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATC  
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AACCAACAATCAGTGATGCAGAATGAGGCTATTGGACAAGTAAGGGCTATTTGCCTCAGG  
GCCTGGGGAAAAATTTCAGGACCCAGGAACAGCTTTCCCTATTAATTCAATTAGACAAGGC  
TCTAAAGAGCCATATCCTGACTTTGTGGCAAGATTACAAGATGCTGCTCAAAAGTCTATT  
ACAGATGACAATGCCCGAAAAGTTATTGTAGAATTAATGGCCTATGAA

&gt;SEQUENCE:833:prostate\_MPM2000-004P1Novel007-2-Table2

GACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGAT  
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TTTGCAGAGATGTTGCCTTCAGATGTTAATCAGGTCTCTCAAGTTTCATGGAGTCTATGC  
TGATCCTTTAATTGACAAATAAAAGATATATATCTGTGGTGTGCAACATAAAAAAAAAA  
AAAAAAAAAAAAAAAAAGTCCAATTTCTGCCAGGTCTTCTTCTTCTCCTGCAGAATTTCTTA  
GCTTTTCGTCCTCAGAGGAACGAAGTCTGTGAAGTGTGGCCATAGTATTCAATCAAGGCA  
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&gt;SEQUENCE:835:prostate\_MPM2000-004P1Novel007-2-Table2

TATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATT  
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AGAAAGCCATGATAAAGGAAAACCTAAAATTAGTTAATGTCCTGAGTTTTTAAAAAAGCA  
AAATAAAATAGCATGTAATAAGGTGAAGCCTATTAACACACACAAAATCAAATCATCAA  
AATCTCAAACCTAACTCATTCTTTAGTAATATAATATTGTATNTATAAAGTCCTTTGGCT  
AGTCTTGACATTGTAGAAATAATTTTATGTAGAGTGCA

&gt;SEQUENCE:836:prostate\_MPM2000-004P1Novel007-2-Table2



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ACGACTCACTTAGGGNCGATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA  
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AAAGGAGCAAACTTCGAATGTGCACATTGACCCCTGACACCTGCAAGCATAACACAGAT  
CCTAAGACTAGAGTGAAGTAGGAAGAAGAATTAGAAAATCCAGTGGATGTCCTGAGTATA  
GGGAACCAGGGCCGTTGAAAATCAGTAAAGGTTGATTACCTGGGGCGAGACCGGGTGACT  
GTGGCAGTGCAGGTGAAGGTACCTGCCCGGGCGGCCGCTTCGAAAGGGCGAATTCAGCA  
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>SEQUENCE:837:prostate\_MPM2000-004P1Novel007-2-Table2

GCGAATTGCGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGA  
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AGTTGAAATTAGGTAAAATCTCAACTCAAAAATCAAACTCAGGGAAGAGGCCCACTGAGG  
AGAACAAGTCTTCTGCATTTTCTTCCTGCCCTGCTCCACCTTCTCGCCTCTGGCTGCTT  
GGATAGCTTGGTGACTCCTTCCTCACCCTCCTGCTTCTCTGTCTCTCCAAGAAGCCAGAG  
CTGCCTCTTTCCTTCCCTGGAAGAGATTTTATGGGATCGCTTCCTGATAGAAGATGGGAA  
GGAGAGGGCAGAACTTTGCCTGCTGTCATATCTGAAGAATCACTGGTTCTTTCTGCATCC  
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>SEQUENCE:838:prostate\_MPM2000-004P1Novel007-2-Table2

GACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATG  
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TGACATCCAGAAAGGAGTTTCAAAATTTGCAGTGTTCTGTAATATAGTGGTCTGCTTAA  
GAAGGGTTTTTTTTAAAAAAAACCTATTATGCACAAGTCAGATTCTTAGTGAATGATTG  
CTTTGGGAATACTAAGTGATTCATAGATCTGTCTTAGAAATTAACTTTTAACATTTTATA  
TATGCAGAACAGATTTTATTATTACTGCCAGTCATGATGGACATGTCAAGTTCTGGAAAA  
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>SEQUENCE:839:prostate\_MPM2000-004P1Novel007-2-Table2

ACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
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>SEQUENCE:840:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTCACTATAGGGCGAATTGGAGCTCCACCGCGGTGGCGGCCGAGGTACTCTTAA  
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AAAGTTGAGAAATAAATACATGAAAGAATGTGTGGGGAAGAGAAATTGTGGGGAAGAGAA  
ATTGTCTCAGAGGACCATTTCTTAGTGGAAGTGGGGAATCTTGGCACCAGAAAGATTCA  
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>SEQUENCE:841:prostate\_MPM2000-004P1Novel007-2-Table2

ACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGG  
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TCAGGGCCTGGGGAAAAATTGAGGACCCAGGAACAGCTTTCCCTATTAATTCAATTAGAC  
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>SEQUENCE:842:prostate\_MPM2000-004P1Novel007-2-Table2

CCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTT  
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TCTGAAAGATTGGGCTTTAAAATAAAATAATTTTTAATATTGAACCATTTTTTAACTTC  
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GCAGGGCTTTTAAAGAAGTAAGAAGAAAGGTTAAGATTATTAGGCTAGGTTATAGCTGCT  
CAGTAGTCATTTTGACAAAGGGTAGCGGATGGTTGGTACCTCGGCCGCGACACGCTAAG  
GGCGAATTCCAGCACACTGGCGGCCGTTACTAGTGGATCCGAGCTCGGTACCAAGCTTGG  
CGTAATCATGGTCATAGCTGTTTCCTGTGTNGAAATGTTATCCGCTCACAATTCCACACA  
ACATACGAGCCGGAAGCATAAAGTGTAAGCCTGGGGTGCCTAATGAGTGAGCTAACTCA  
CA

>SEQUENCE:843:prostate\_MPM2000-004P1Novel007-2-Table2

AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGC  
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CATCTGTATAACCTAGGCTGACTGGCACAAGAGGGAGACATGAACAGATGAATGATTAGG  
GAAACAGAGGAACAATCCTATCCACAGCCCCTGAATTATGAAAATCTTGCAGAAGCATTT  
TTTTCTCCTTAGAATAACTAATATTTAAAATAAATACCAATTTCAATTACCATATCACTAA  
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>SEQUENCE:844:prostate\_MPM2000-004P1Novel007-2-Table2

GCGAATTGCGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGA  
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TAATAGAAAGTTGTCCAGGTAAGTTTCTGATGGTATATCAGTTAGAAATAATATTTAGCT  
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AATACAGCTGACAATAATGTTGTTGCCTTTATGATATCAAAGCCCCCAGGTTCCCTTTTAT  
CTTTCTGCTTAACCTGCCTTGGCAAATGCTTGCTGCTTCATAGTCACATGATGGCTGACT  
TACTGTAACCTTCAGGTAGAAAGAAAGGAAGAGGTAAGAGATAAAGGTACCTGCCCGGG  
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>SEQUENCE:845:prostate\_MPM2000-004P1Novel007-2-Table2

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>SEQUENCE:846:prostate\_MPM2000-004P1Novel007-2-Table2

GACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATG  
GATATCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACTGGTGATGAAACAG  
AATATATGAAATGTGTAGGGAGGCTTTTAATTATGGCTCAAAACAGAATTTATCTTGTTA  
ATAATTCCTCTAGATAGAATAATGTAGAAACATTTTATTTGTGGACTACAGCTTATTCAG  
CCTGGGAAAAATAATGTTGGAGAAATACTCTATGAATAGAATATACCTTGGAAGCCCTTA  
ACTAAACGCTTACTTCTCTTGACATCAGATAATTGAGTCTAGCAATATGATAGATAATTC  
AGTCTGTCATACTGAAAATGACAGCACTTTTAACACCTTTCTAACCTTCTTAACGTCAGA  
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>SEQUENCE:847:prostate\_MPM2000-004P1Novel007-2-Table2

CTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA  
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GCTTCCACAGGTTGCACTATTGAAAAATCGAGATTGTATAAACCTGGTAAAAAGCTGCAA  
GATGCCAAAATCTTGATAGATGTCAAATAAAAAGTTATTATACTAACAAGAAGTGGACTCT  
TGTTTAGGCCCTCACTGGTGACCTTCAGAAGTAGTCTGTGACGGGGACTCAGCAGAATTT  
GTGTGTTGTCTCAGCATTCCAGGTAGCCTTATAGTTTGGCTTAAACTTATCCCTAAAAT  
GTAAGATGGCATTGAGGGAAAGGGTATAATGATAGTACGCGGGGATACATCTCACT

>SEQUENCE:848:prostate\_MPM2000-004P1Novel007-2-Table2

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TACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT  
GATGGATATCTGCAGAAGGCGNGCGTTCAAGCGGCCCCCCCCNACAGGTACTTTGCATTCT  
GATTCTTTGATATTTGAACTTGGCCATCTGTGGGTGCTACTCTCGTAAGACTAAAAGGCA  
CCTACTAAATACGAACAAGGATAACCAGTTCTACCAAAAACATTACCAACCAAGGGGGG  
GCTGTTCTTTTTTCAGACTTTCTTTTGCTTTCAACCTCTTAACTGTAAAGGAGAGATT  
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TGAATCTTTTCA  
>SEQUENCE:849:prostate\_MPM2000-004P1Novel007-2-Table2  
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AGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACAGGCCGGGGAAGAGACTCAAGTA  
GGAGCGCCTGCCCGAGTTGAGACTAGATGTGAACCTTTCACCATGAAAATGTTAAAAGAT  
ATAAAGGAAGGGAGTTAAAAAATATGGATCCAACCTCCCCTTATATAAGAACAGTATTAGA  
TTCCATTGCTCATGGAAATAGACTTACTCCTTATGACTGGGAAATTTTGGCCAAATCTTC  
CCTTTCATCCTCTCAGTATCTACAGTTTAAAANCCTGGTGGATTGATTGGAGTACCTTCG  
GCCGCTGACCAACGCTAAGGGGGCGAATTTCCAGCAACACTGGCG  
>SEQUENCE:850:prostate\_MPM2000-004P1Novel007-2-Table2  
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TGGATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACACATTGTTTTGTTT  
CTTATATCCAGAGTCTAGTCCTCAACTCTAACCAAAGTAAAGGAAACTGGAAAGACACAC  
GCTTTTTTCAGTCATTAATAGAAAGTTGTCCAGGTAAGTTTCTGATGGTATATCAGTTAGA  
AATAATATTAGCTATTTGTAATAAAAAGCTGAAAACAGTAGCTTGAATCAATGGAAGAC  
TTTATCTTTCTCCTCATACAGCTGACAATAATGTTGTTGCCTTTATGATATCAAAGCCCC  
AGGTTCCCTTTATCTTTCTGCTTAACCTGCCTTGGCAAATGCTTGCTGCTTCATA  
>SEQUENCE:851:prostate\_MPM2000-004P1Novel007-2-Table2  
CTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATAT  
CTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACAAATCTCTCTTAATTTAGTTT  
TGACAATAAAATAAATTCCATAGTTTTCTATTTTATTAGCTTAATATTTGTCATGTAA  
TATTGAGTGTCAAACCTGATTGAAGGATACAAAGTATTGATCCTGGGTGTGTCGGT  
>SEQUENCE:852:prostate\_MPM2000-004P1Novel007-2-Table2  
CGACTACTATAGGGCGAATTGCGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGAT  
GGATATCTGCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACTAGGTCTTCCTTA  
AGCAGCAAGAAAATGTGGGGGGTTTTACAGAAGAAAACAAGCAATCTGGGCTATAGCAGA  
AGAGCACTAATCAACTTAAGTCCACCTTCCATGGTGGTTCAGAAACCAGACTACCTTAAC  
GATTTTACCCACGAAATCCCAAATATCCAGACTGACTCCTATGAAAGTATGGCAAAAACC  
ACACCAACTGGTGG  
>SEQUENCE:853:prostate\_MPM2000-004P1Novel007-2-Table2  
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AGAATTCGCCCTTAGCGTGGTCGCGGTGAGGTACAGAAATTCTCCTGTGAAATTAAGTA  
AACCATTTTCCAGATCTTGACTGCATTGCTGAGATTTTGCAGTCTGGAAAATAATTTCAA  
ATTTTTCAGGTTTTTTGTATATTTATTTTTTTCTAACAAATATATTTAACTATAAAATTA  
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>SEQUENCE:854:prostate\_MPM2000-004P1Novel007-2-Table2  
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TACCAGGAACCGCCATGCCTCAAGATCGCCCTGTTTTCTGGCTTCATCAATGACTGCATG  
CAGTGCACCACCCTGTCCACTACGTGATGCTGTAGGATTAAGTCTCACAGTGGGCGGCTG  
AGGATACAGCGCCGCGTCTGTGTTGCTGGTGAATTAGACGCCATCGCTGTGGGTTGCTG  
GTATGGTGCCGTGCTATTTGGCACGGGACACACCGCTTGAGGTCTGTATTGAACCTCTGA  
AGGAGGCCGATACTGAAGCTCGGTTGGCAGCCGGTATTGATAAACTACCAGCGGTTGGGT  
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>SEQUENCE:855:prostate\_MPM2000-004P1Novel007-2-Table2  
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ACACTGAGAATATTTTAAAGGAGCCACACATCACAGAATTTGATAGTCAACTTCATGCAA



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TGAGTTCCTTTTATATTTTCATCAAAAGGTTTACTTGCCCCTTTACTTGTTCCAAATTTCC  
AAGATTAACCTCTTAAATTTGAAAAAGTATCTTTTTAATAAAAATCAGGTATCTCTTTATA  
TCCATGATCTATATGGACAGTGATTTGGATTTTTTCAATCAAACCTCTCCCTAAGATACAC  
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TTT

>SEQUENCE:856:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
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ACGACAAGGAGTACCATGTGCGCCTGGTTCTAGGAATAATGGGGGAAGTATGTAGGAGTTG  
AAGATTAGTCCGCCGTAGTCGGTGTACAAAACCTGAAGGTGCCGTGTCTGATTTTACATCA  
ACAAGTCACTGGAAATTATGTCACATTAGTTTCATAAATCATGGTCTTTGATTTTTTCTA  
AACAGAGCTATTACAAATTAATACAAACTTGAAACATACCCTAATTTAAACTAATAAGCT  
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>SEQUENCE:857:prostate\_MPM2000-004P1Novel007-2-Table2

TTGTAATACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGC  
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TAGCTGGGCATAGTGGTACATGCCTGTAGTCCCAGCTACTCGGGAGGCTGATGAACAAGA  
ATCACTTGAACCTGGGAGGAGGAGGTTGCAGTGAGCTGAGATCGTGCCACTGCACTCCAG  
CGGGAGCGACAGAGCAAGACTGTCTCAAAAAAATAAAAAAGAAAAAATAATAAAAAGGA  
AAACAAAGCCTTTAGAAAAACAAAGCCTTTGAAAAAGGATGTAAAATTGAATATATAGAT  
ACAATTATTTTTAAAAAGTTTTATAGAAAAATATCCTGGATTGTTGATGTTGTTTTAATA  
TATTTTAATCATTTTTGTATAATGTCATGTATAATATGTTATAATGAAAGTAAAAA  
GGTCTTAGCAGAGCAGGCAGAAAAATGCCAACTCAGTGCCTTTTAGTTATTTTGATATG  
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>SEQUENCE:858:prostate\_MPM2000-004P1Novel007-2-Table2

GACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGAT  
GGATATCTGCAGAATTCGCCCTTTAGCGTGGTCGCGGCCGAGGTACAGATGTCCAGTAG  
ACCTACTGGATATGCAGGCCTGCAGCTCAGGGGAGAGCTGGGTTAAGAACCGTCAAGGCA  
GTAATCATCTGCATTTAGAAAGGGCGAGTGAAGCCATGACAGGGGCTGAAATGGCCCAGCA  
AGAATAAATCAAACCATGAGAAACACATACATTTAAGAATAAGGAGATGTGGTCAGGCGC  
GGTGGCTCACACCTGTAATCCCAGCACTTTGGGAGGCCGAGGCGGGTGGATCACTTGAGG  
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AGAACTT

>SEQUENCE:859:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTACTATGGGCGAATTGGNGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA  
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GCCCAGAAACCAATATCAGTTCTATACAGATACAAGGTGATGCTGATTATTTATCAACCA  
TCTTGGAGTTCCCATCGTGCAGTTTGCTTACGAGGACATCAAACATTAGAGGGTCCAAG  
TTTTCTCTCCGAGGCCCGTTTTTCTACACGAGCAACAAAAATTGAAGAAATGGATCGCTC  
TTTCAACCTTCATGAAACCATTAAGCTCTCAGGAGAAGTGATTTTGCAAATTGCCAA  
CGAACCTGTTCTGCCCTTTAATGCACTTGATATAGCTTTAGAAGTTCAAACAACCTTAA  
AGGTGATCAACCCAACACTCATCAACTGTTAGCCATGGCGTCACGCCTGCGGGAGAGTGC  
TGAACTTTTTCAGTCTGATGAGATGCGACCTGCTAATGATCCCAAGGAGAGACCCCAT  
CCGCATCCGGATGCTGAATGACAT

>SEQUENCE:860:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT  
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ATTTGTTTGAGACAAGAGTGGTGGGATCAGAGCCATGTGGAGAGCTCATGGCCTGTCTAA  
ATTGTTGCCATGTGGAAATGGGGCAGAGTGTTGCCAATTTTCTGATTTTTTGTGTGGAAA  
AAAATCTCCAAATTGTAGTTTTTAAATTTGGGGAATGCAAATATATATATATACACAC  
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>SEQUENCE:861:prostate\_MPM2000-004P1Novel007-2-Table2

ATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCT  
GCAGAATTCGCCCTTTAGCGCGGCCGCCGGGCAGGTACATCTTTAAGGTCCAGAAAGAGG  
ACAACAGCACCTACATCATGAGGGTGTGAAAAAGACTGGGAATGAGCAAGAATGGAAGA

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TCAAGCTTGCAGTGGCTTGACCCTGTACTGTACTTCTCATGCTGGATTTCAAAAAAAAAA  
GTATCAAAAACAAAAAAAAAACTAAAGGGTGGTGTGTTTATTGGATTGTGACAGGTTGAGTAA  
TAAGGAATTAAGTCGTCGTCATTTTCATTAAACTGAAAGATGATGTAATGCATATATAAG  
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>SEQUENCE:862:prostate\_MPM2000-004P1Novel007-2-Table2

ACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGG  
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ACTTTGGATGTGCACTGTCTCCCCCAGCTCCCAGAGAAAGCTTCTCCCCCTGCCTCACCA  
CCCATCGCCTTCCCTCCTGCTTTTGAAGCAGCCCAAGTCGAGGCCAAGCCAGATGAGCTG  
AAGGTGACAGTCAAGCTGAAGCCTCGGCTAAGAGCTGTCCATGGTGGGTTTGAAGATTGC  
AGGCCGCTCAATAAAAAATGGAGAGGAATGAAATGGAAGAAGTGGAGCATTTCATATTGTA  
ATCCCTAAGGGGACATTTAAACCACCTTGTGAGGATGAAATAGATGAATTTCTAAAGAAA  
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>SEQUENCE:863:prostate\_MPM2000-004P1Novel007-2-Table2

ATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCT  
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ACCTCCCATTCAGGGGGCATCATCATGTTCAACAAGGCATGGAGGCAGGGCCATCTTTG  
CGGCTCAGTCTAAAAGGGCTGCACTCTCTTCAGGTTGATAAATCCTTAAGGCTTTGATTT  
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TTTGCTATTTTGT

>SEQUENCE:864:prostate\_MPM2000-004P1Novel007-2-Table2

TATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATC  
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>SEQUENCE:865:prostate\_MPM2000-004P1Novel007-2-Table2

ACGACTCACTATGGGCGAATTGGGCCCTCTAGTATGCATGCTCGAGCGGCCGCCAGTGTG  
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GGGCAAATTTGATGGCTAA

>SEQUENCE:866:prostate\_MPM2000-004P1Novel007-2-Table2

TATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATC  
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AATTGGTCAGGGAAGATTATGAATAATAACATTGTGTGGAAATGACCCAGATAAATCACT  
GTTCTTTCAACAAGCAACAGGTTAGACAAGCCTTTATCAATTCTGGTGCATGGCAGATT  
GGTCTTGCCGATTTTGTGGGAATTATTGACAATCGTTACCCCAAACAAAAATCTTCCAG  
TTTTTAAATTGACTACTTGGATTTTACCTAAAGTTACCAAACATAAGCCTTTAAAAAAT  
GCTCTGGCAGTGTGTTACTGATGGTTCCAGCAATGGAAAAGTGGCTTACACCGGGCCAAAA  
GAATGAGTCATCAAACTCAGTATCACTTGACTCAAAGAGCAGAGTTGGTTGCCGTCATT  
ACAGTGTTAACAAGATTTTAATCAGTCTATTAAACATTGTATCAGATTCTGCATATGTAGT  
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>SEQUENCE:867:prostate\_MPM2000-004P1Novel007-2-Table2

ACACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGAT  
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TATGTTTATACAGTGTTAGACTGATGTGAATTTGCATTTGTTACATTACATTGCCAGCGC  
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TGTGCAGCAGTAAAAAATTAGTGAGAAAAAGCAACTTTTTGTCACTCTTAGGAAATATTT  
TGTCTTATTAGTGTTCTTGGCACATGTATATTACTAAAGTAGATAGTTCCAATGAGAAAT  
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>SEQUENCE:868:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTCCTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
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TTTATTTTATCAAACATTAAGCTTTTTTAAGAAAATAATTGGGCAGCGAAATAAATGTAT  
CTTCTTGTCAAAAAAAAAAAAAAAAAAAGTACCTCAGCCAGCAGAACATCGCTGGGAC  
GCGCCTGGCCTAAGGCATCCTACCAACAGCACCATCAAGGCACGTTGGAGCTTTCTTGCC

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AGAACTGATCTCTTTTGGTGTGGGAGGACATGGGGTACAAAATATTTTGTCAATAAAATG  
GTAAAGATTTAAAATGATAATAAATGCAGCAA

>SEQUENCE:869:prostate\_MPM2000-004P1Novel007-2-Table2

ACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGG  
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TTGTGATCCGTTGGTAAGATAGTATCCACAAGTAAGCACTTGTGTTCACTGTTTTTTGTT  
CCACACTATAATACACCCAGTTGGATACCAGAGTTATTTACAGACATCTGAGGAAGATCC  
TAGTTTTCAAGTCTGTCAGGAAAATATTCCATATTGTTTTAAGCCAGATCATACCCATGG  
AAAAATAGAGAATGGTTTTCTTTCTTTTCTTTCTGACCAATACATGCTCAAGAAATCAA  
ATATCTGAGATACACAAATTGAACGCGGTAGGGTGGGGGAGGAAGTAGGGAGATAAAGCC  
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>SEQUENCE:870:prostate\_MPM2000-004P1Novel007-2-Table2

AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGC  
AGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACTAACAAGTTTGTTGTAAGTAGAC  
AGAATTATCAAAAACCTAGATGCTTATTTTAAAAGTTTGCATTATTTAGAATTTCTTCCT  
TAGGAACCAAAGCAGTTGCTTTTCTGGAAGTGCATTTTTCAGAACTGCTCAAAGCACCT  
CATCTAGATGAGTGTGTTTTAAAAAATATATATAAAAAGTCTATAAAGAGACTTCAAACATC  
ACATACTTCANCTCTTACAGGGCTTTTTTAAAATCATGTATTCCTTCCTTAAANGTCC  
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>SEQUENCE:871:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
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>SEQUENCE:872:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTACTATAGGGCGAATTGTGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
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AATCTGATACAATGTTAATAGACTGATTAATCTTGTTAACACTGTAATGACGGCAACN  
NCAACTCTGCTCTTTGANGTCAAGTGATACCTGAGTTTTAATGGGCTCATTCTTATTGGC  
CCGAGTGTAAGCCACTTTTCCATTGNCTGGAACACATCAGTGAAACACTGCCAGAGCATA  
TTTTTAAGAGGCTTATGTTNTGGTAACCTTTAGGTAAGAATCCAAGCGTAGTCTAATTTT  
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>SEQUENCE:873:prostate\_MPM2000-004P1Novel007-2-Table2

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ATAACTGTGTGCAGTGTGATGATGGCTGCCAACTATGATATACCGGTCTGGAGATGTCAA  
GCCCATTAACAATCCAACAACATTAGTAACTGTTTTCAATTTTGTGACTGTCTGAACTTG  
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GGTTCTAGCTTTTGGC

>SEQUENCE:874:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTCCTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
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TACAAAGATTGTGTATTACTTGTATAATAAAAATAAGAGCTTTAAATTGTGAAATTTCTC  
TGGATTTGGTTTTCTCATTTTATTATGGAATTTTTCATACCTAAATAAGATGAATAGTTG  
GGTAATTTTTTTCTGCTTTGTGAGTTATTGGTGTGTTGTTAACTTCTTAAAAAAATTAA  
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TGCTCTTTG

>SEQUENCE:875:prostate\_MPM2000-004P1Novel007-2-Table2

CTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATAT  
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GCAGAAATTATATGAAAAAACTGGGGTGGGAGTTGGAAGGAACTTTAGATATGTAATAAA  
CTTGTTTGAAAAGTGTAAATTTCTCATGCTTTTATTAAAAAATAATTTTCTCAAGAAAC  
CCCAAATTCTCCACCTCAGGAATGAAAAGTGCATTTGAATTTCAAGAAGGTATGGGCATG  
AGAACCTTGCAAGTTTTCTAATTTGTGGAGACAAAATAATTTTTATAACACCAACCAGAGG  
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CATCTGAAAACTCA

>SEQUENCE:876:prostate\_MPM2000-004P1Novel007-2-Table2



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AGGATGGAGACGAGGGTAGGCTTCTTTTCAGATTATACATTCTGGATCAGAAAGTCTATA  
TCAGTGGGATTTTCTGAATGACCCAGGTTTTTTTTGTTTGTGTTTGTGTTGTTTGTGTT  
TGTTTTAGAATTTCTGTGCTTTGGAGCTGGAAGGATATATAAATGAGAAAACCTGAGAACA  
AAAGAAGGGACGATATATTTTTGGTTGCAAGGGATANGAACCTAACTCCAACAAGCAAAG  
CAAAGGGGGGTTTTATTAGAAAGATACATTGAGCTTTCTATCAGAATCAAAGGAAGAGGT  
GATCAGCCAAGCCTCCAAACCAGAATCAGGGTCTAGAAAACCAGAGACCACACTCTTTCT  
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ATTTACACAGGGATGGAGAAT

>SEQUENCE:883:prostate\_MPM2000-004P1Novel007-2-Table2

ATACGACTCATATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT  
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GTCTTGCAATTTGTTTTCAATAGGAAAACAAAGTTCTAGATAGGTTAAAAGAAAAACACCA  
TAAAAGTGGTAGTATATTTAAGTGGAAAATTATGTATTTTAAAGTGTGTAACCTATTAAAA  
ATATATTGCCTGGAAAAGGAATACTACTGTTTTGTTTTGTTAAGACCACAACTGTATTG  
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>SEQUENCE:884:prostate\_MPM2000-004P1Novel007-2-Table2

ATACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTG  
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AAAATGACAGCAACATGTCTTTATCATGGATTAAGCAAGTTTAAGAAATACTATTTTTAA  
TCTCAAACAATGCACTGAAAGTGAGTCTTAATTTTCAGAGTTTTATTGTATTGCACTAAAG  
GAACAGCAGGATGGTTATACAATTTTCTCTCATTTCAGTTTTGAAAATCTGTAGTACCTGC  
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>SEQUENCE:886:prostate\_MPM2000-004P1Novel007-2-Table2

CCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTT  
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ACAAGAGAATCCATCCCCTTTGCACACAGTGGTCACCTGACAGCTCAGAGGTCAACTTCT  
TGGTTTTGAGGAAAAATTCAAAGGCTGCACGTTTAAAGGAGTTGTTCCATTTTCAGTGCC  
CCATTAGCCTGTCTTTCCTCAGAAATTTACCAATCTCTTGATGTGATAAGCACCAAATA  
TGAAGCTTTTCCCTTCTCTCCCGCTGCTCCGTTCTGTGAACCGACNTTTTGTCTACAA  
TCACACTGATTTCTTCACTGTTTGCTCTGAAACTTCACTTTTTCTGAGTGATGTGTTCTG  
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GGGACTGAAGGTACCTGCCCGGG

>SEQUENCE:887:prostate\_MPM2000-004P1Novel007-2-Table2

TATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATC  
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CACAGTATTTGGGGCCAGAGCCTACGTGAATATATGTGTGTGGACAGGTGAGCTGCCATG  
TTGGTTTTGGCAGAAAACTACTGAAAGGTGGTTCAGAATCTGGGGAGCCTTATATTCCA  
GGTGTCTTTTTTCAGACAGTTTCTACCTGTATACCCAAGGTGCAGTTTGATGTAGTAGTG  
TCAGCTTTTTCTTAAGTGAAGTGGCCAGCAAGGCTGACCACACTGAGGTAGTTCAAACC  
TTATGGCGTAAGACAGGTCAATTCCTGGTACGCGGGGGAG

>SEQUENCE:888:prostate\_MPM2000-004P1Novel007-2-Table2

ATCGACTACTATAGGGCGAATTGCGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
ATGGATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACTCGGCCATTCTGC  
CAGCATTTCTGTTTCAGCAACTGCTGATAAGTTCCCCAGGTGAGCTTAACAGAAGAATGG  
GTGTCATACTTGCTGAAGATAAAGATGCGTCCCAAAGAATGATGGGGCATGGGCGGCCAT  
CTTACCATCTTGGCCGTTTCATTTGTCTTCCACCAGTTCTGGAAAGAGAAGGCCTAGAAG  
TTCAGAAAAAAAGGTAAGAAAGAGTTAATATAAATGAGGAGAAAAAATAGAACAGTGAGA  
TAAGAGTACCTGCCCGGGCGGCCGCTCGAAAGGGCGAATTCAGCACACTGGCGGCCGTT  
ACTAGTGGATCCGAGCTCGGTACCAAGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGT  
GTGAAATTGTTATCCGCTCACAATTCCACACAACATACGAGCCGGAAGCATAAAGTGTA  
AGCCTGGGGTGCTAATGAGTGAGCTAACTCACATTAATTGCGTTGCGCTCACT

>SEQUENCE:889:prostate\_MPM2000-004P1Novel007-2-Table2

ACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGG  
ATATCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACTTCTTAAGGAAAT

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GTGTCATTTTTCTAACATAGTTTATATTCATAAGGAGACAACACACAAACACATACACA  
ATCAATCAACAAAAATGTGATACAGTAGATTATTAAGCACCTTGCTCTGATTAAAAAGGA  
AAAAAGAAAGAAAAAAGAACAGACTTTTTCAACCAGCAATTCCAGAATAAAATAAATCT  
AATTACATAGTCAAAATGACAAAATTTAAAAATCACTTAATGGGCAGCCAACATGTCTCC  
AGTTCTCATTTTCTTTTATCCCCTGCTTAAGATTTGCATTCATAATTAGATTGTTGTTAA  
TAT

>SEQUENCE:890:prostate\_MPM2000-004P1Novel007-2-Table2

TATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATC  
TGCAGAATTCGCCCTTAGCGTGGTTCGCGGCCGAGGTACAATCTGGGGCTGAGGCCACTCC  
ACTGCCTGGCATCAAATCCCCTCTTCTGCTTTCAGCTCCTGTGGCCACCACAGTCCTCT  
GTGGGATCGCAGGAGATGCTTAGTAATCCAAGGCAAGATTAGTTGTGGTAAAAATGGCCC  
ATAAAATAAAAGCACATTTTTCCACTTACAGAACCTAAACTCATTTTAGTAAGAGTTCA  
CAGCAAAATTTTAATGTGAGAAGAGTTTGAACTGAATTTATATTCTTAAAAAATGT  
CACCCAGACTCAGTGACTTTTATTTTTCATTTCCCTAAAAGTTTCCCAAATATGAATTAA  
ATTGTCAAGGATAAGAAA

>SEQUENCE:891:prostate\_MPM2000-004P1Novel007-2-Table2

CGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGAT  
GGATATCTGCAGAATTCGCCCTTAGCGTGGTTCGCGGCCGAGGTACTAAATAGTTGAAAAA  
TCAAACATAATTTACTAATAATGAACAACCTGCACACTTCATACTATGACCGTTTGATGAC  
TGGTCATGTTAACTATCACCAAATGCTGATTTGTCTTCTATATAAATAGTGAAAAATA  
AAACAAAAGGTCTTCTTCTTAGTTAACCTTCTTGAAGGTTGTTTTAACCCAATATAAA  
ATTAAGCAAAATAATAGTATAATTTAAAAAAAATTTATGTGAAGAAGGGCAGCAATTCTA  
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>SEQUENCE:892:prostate\_MPM2000-004P1Novel007-2-Table2

CGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA  
TGGATATCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACGCGGGGACACTA  
TGCGGGTTGCGGGGCCCTGGGGGCCGACGGCTGTTTCCTGTCCTGGTGCATGGTGGTCG  
G

ACGAAGGAATTGTTGGAAAATTTTCTCGGAGGTAGAAGATGTTGTTAGCCCAAATAAATC  
GAGATTCTCAGGGAATGACAGAGTTTCTGGAGGAGGGATGGAGGCGCAACATGTTA

>SEQUENCE:893:prostate\_MPM2000-004P1Novel007-2-Table2

CCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTT  
TCGAGCGGCCGCCCGGGCAGGTACGCGGGGAGGCTTTGTGACACACACACACACACAC  
ACAGCACCTGCACGCAGATGCACACATCTCTAGTCAAATGAGGCTCTCAGCTTTTTGATA  
GGGGCTTTTTGATACGTGTATAACCAATACTTTATTCTCACTGTAGTCAAGGACTCATTG  
CAATTCAGAAATGGGAAGCTGATCCGGAACCTCACTACAGCTCAAAGAAATTCTCGAATG  
TTCTCACCTATTAACAGTTATTAATAATGGAAGAAGCTGGGGATGAAATTGTGAGCAATGC  
CATCTCCTACGCTCTATACAAAGCCTTCAGCACCAAGTGAAGCAAGACAAGGATAACTGGAA  
TGGGCAGCTGAAGCTTCTGCTGGAGTGGAACCAGCTGGACTTAGCCAATGATGAGAATTT  
CACCAATGACCGCCGATGGGAGTCTGCTGACCTTCAAGAAGTCATGTTTACGGCTCTCAT  
AAAGGACAGACCCAAGTTTG

>SEQUENCE:894:prostate\_MPM2000-004P1Novel007-2-Table2

CTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTTAGCG  
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TCACAGAAAATATTTTAAATGGCTAATTCTGAAGAGGAGACAAGAATCCATTTTGGACAT  
GTTCTCAGTTTTGTAAATATGACTTCACTATCACATTCTCTCATGTGTTTCCATACCCAC  
CTTTTCTTGGAAATTATGGGCAGAAAATGGATAGAAGGAAGGAAAAGGAATCTTGAGAAA  
TTTGTTTGGAGGCTGCATTTTAATAATAAGGATGACTTCACTTTATCTCTTTGGTCATCA  
AAGGAATAGGAAGAATAAGAGATTCTCATTATAGTTATCCACCTCACCTAACAGTAATGA  
TATCAGAATGAAGGATTTAAATGAAAGTCAAACCTGACAGGGGAAAAAGGCATCTAGCACT  
CTAGTGTATTTACCTGTGAAAATAAAAAATCCAGTGGAAAACCTGACATGTGTTTAGACATT  
GAATAACAAGTTATTTTAAATATTAAGAATTTTCAATTTCAAGTCTTAGCTGTTTTA  
CATTTCTCTTGTGGAAAAAAGAAAAATTTTACTAACTGAAATAGCTTTACT

>SEQUENCE:895:prostate\_MPM2000-004P1Novel007-2-Table2

CTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA  
TATCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACGCGGGGTGCAAAGCAA





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ACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGG  
ATATCTGCAGAATTCGCCCTTTTCGGCGGCCGCCCGGGCAGGTACTATTAACCTTTAAGGAA  
AAGGACATGAGATTTTAAGTCAGAAAGGAAAAATGCTGACTAAGGCCCAAATGCTCAACT  
CCAAGCTTTCATTACCTAAAAAAATGCAATCAAATCTCCTCACTTGAAAGAGTTCTTTT  
TTTTCCCTTTTTCTCCAGTTTTGGAGGAGAACTGGAAGGGAGTAAAAAGACCTGTCCAC  
AGCACAACTTCCACTCTGGCTGTGAAGGACTAGCCAATTGCTAAATGTTTCATCACGGA  
GGTGCTCGATCATATTATAT

>SEQUENCE:903:prostate\_MPM2000-004P1Novel007-2-Table2

ACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
ATGGATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACCTAGAATTCAAAC  
AAGAATCACACATCACATGCTAAAAAACTTCTAGCATCTAAAATACATACAAGAGCTGT  
GCAGGGCATAGACTTCAAATAAAGCCGAACACTGGTTAATCCATCAGTCCTATGGCAAGT  
TGATCATAAAGCATTCTTACGCGGAGATCTGGGCAAGGTAAAGAGTATAAGTTAGAGCA  
GCAGCAGTTCTGATGGGTATCAGAAAGGCCAAAATACAAGACGAGTCATGAGGAGCACCAT  
ACACATGAGGAAAGAGTTATTTGGGGGGTCTCAGTTTGCCCCAAAATGGATCACCATTTT  
TCTCATTCTTTGATCTTTTTTTTTTCCAGTATCTCTAGCTCAAACCTTCTGTAACT

>SEQUENCE:904:prostate\_MPM2000-004P1Novel007-2-Table2

GCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGA  
ATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACCAGTTGTAAAATTACCAGGAACCGCCAT  
GCCTCAAGATCGCCCTGTTTTCTGGCTTCATCAATGACTGCATGCAGTGCACCACCCTGT  
CCACTACGTGATGCTGTAGGATTAAGTCTCACAGTGGGCGGCTGAGGATACAGCGCCGCG  
TCCTGTGTTGCTGGTGAATTAGACGCCATCGCTGTGGGTTGCTGGTATGGTGCCGTGCTA  
TTTGGCACAGGACACACCGCTTGAGGTCTGTATTGAACCTCTGAAGGAGGCCGATACTGA  
AGCTCGGTTGGCAGCCGGTATTGATAAACTACCAGCGGTTGGGTCTTATTTTCTACCGGC  
TGATATTGTGGATACTGTATCTGAGTT

>SEQUENCE:905:prostate\_MPM2000-004P1Novel007-2-Table2

GGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCC  
CTTTCGAGCGGCCGCCCGGGCAGGACAACATTGGATTATTTCTTTGGGCTGTTTCCAAC  
CAAGATTCTGTTATTTATTATAAGCATTTTGAGGAAGGCAGTTGGTATAAAGGTGACCT  
TAGTAATAAAAGTCAGTGTGAAGTCTATAGAAATTCCACAATGAATTTAAAGACAAGAAT  
TTTAGGGACAAGGATACAGAAATTTGCCTAGTAACTTGACACAGCAGATGGTAAATATT  
TATTGACTCAATGGAGTAATGTTAAAAATAAGGTTTCCCATGGACTGTGTGAGGGCCAGG  
CATACTTAACATCCTTTGTGAGAGAGAGGATGGAAACGGAGTCTACTGTGAAAGCCACAA  
GTTTTGGGG

>SEQUENCE:906:prostate\_MPM2000-004P1Novel007-2-Table2

GAGTCGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAAT  
TCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACGCGGGGATCAATGCAGAGTCCCTCTGTG  
AATTTACAACACCCAACACCCATGAGTTCAGTCCTTAAGAAGGAAAATTGAGCAAGTATT  
TAATTGGTTGGACATTGCATAAAAGAGGTCCATATCCAGGCTAACTCTAGAAATTTTATT  
CTCAAACCTAGTTGGCCTCTTTTTCTTCTGTCAGAGGACCATTCTTAGTGGCACTGGGGA  
AATCTTGGCACCCAGAAGAATTCAACTGCGCTCACTGCAAAAATACAATGGCCTACATTG  
GATTTGTAGAGGAGAAAGGAGCCCTGTATTGTGAGCTGTGCTATGAGAACTCTTTGCC  
CTGAATGTGGTCGATGCCA

>SEQUENCE:907:prostate\_MPM2000-004P1Novel007-2-Table2

TGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTTTCGAGCGGC  
CGCCCGGGCAGGTACAGCTCTCCAGCGATTTGTGAACAGGCAGGAGGCAAGCAATATCC  
TGGATGATGACTTTCCAGCAGCCTTGATCTGTCGATTGCCAGAGTCTGATCCCTCACGC  
TACTTTTCCATCGTCTTGATTTCCGCTCCTTGATAGTAGAAGGAGCTGATGGAGACCTGC  
TCTTTCTCGCTGCGAGTGGGGCTCCCACTGTATAAACGAAGGTTTCCAGGGGCTCTGGG  
CGGGATCTTTATGGGCGGCGATCAAGCCAGCCGTGATAAGCACACAAGGCTGAGAAGAGA  
TCTTGGGAGTAAGCCTCTGTGGGGAGACACCGCCCGATGCATTGGTCATGGG

>SEQUENCE:908:prostate\_MPM2000-004P1Novel007-2-Table2

ACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGG  
ATATCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACCAAAGAAGAAATAAG  
TCCAAACCATTAGATCAGAAGGCTAAATTTTCTATGGTTGAATGTTAAATATTGAGTTG  
GAAATACCCAGAAATCTTTGTTCTAGCTTGTTTGCAGAAAGGTAAAGATTTACTAGTTGG

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TTTATTTAACAGTAGAATAAAATATAATAAACAGTGTTTAACTTTTTTTATGTATTTTT  
TTCTGTGAAACTAGAAAGTTTATGATGATGAGAAGCTTGAGGTTTCTGAATTAGCAACTG  
TGAAACGTCCTCAGGAGAGAAGCTACATGCTGCAGAGGTGGCAAGAAGATGGTGGTGCTA  
TGATCATAGGCTATGAGATGTATAGAA

>SEQUENCE:909:prostate\_MPM2000-004P1Novel007-2-Table2

ATGCTCTAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTTAGCGTGGTCCGCG  
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CCTCAGCCTCTTGAGTAGCTGGGATTACAGGCGCGTGCCACTGCGTCCGGCTAATTTTTG  
TATTTTTAGTAGAGATGGGGTTTCACCATGTTGGCCAGGCTGATCTCAAACCTCCTGACCT  
CATGTGGGCCACCCACCTTGGCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCACG  
CTCAGCCTACAAGCAATTTTTTTAAAACTGACACCTATTACTGATAAAATTCTCTGTTT  
AAAATCCTATTTACTATTTTAAAGATAAGTATTAATTTTTTTTAAATACAATAATTCTGG  
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>SEQUENCE:910:prostate\_MPM2000-004P1Novel007-2-Table2

GGCGAATTGAGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAG  
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ACAATCTTTTCTAAATATCAACGGGATATTAATACCAGCTTACTTTTAGTTCTAGAACT  
TTTGCTTTCTTTCAAAAACCTTTTCAGAAACATATCCATTCTATAATTGTGATAGATTG  
GAAGAAATATTTTCCTTAGAAATTTTGTAAGGAATACTTCCACTCTTTTGTATGTAAGA  
TTTGATAAACGATAAAAACCCAAGTAAGGCCATTATTATCATCTTGATCAAAAATATACA  
CAGATCGTGATGCTACTATATTGTGTGATCCTGAGTTCTAGTAACCACTAGATACATGCA  
TACCATTCACTGATTTGTCTATTCTAATAAAAATTTAATCCTGTCTTACTACCTTTGAAG  
ACAGAAATACTTTTAAAACCTTTTGATAGGTCTTCATAACATTACAGATTATC

>SEQUENCE:911:prostate\_MPM2000-004P1Novel007-2-Table2

ATGCATGCTCGAGCGGTCGTCAGTGTGATGGATATCTGCAGAATTCGCCCTTAGCGTGGT  
CGCGGCCGAGGTACAGATCTGGGAACATAATATTAATAAGAGTGAGTGTGGCTGGATATATGG  
AGAATGTTGGGCCAGAAAGGAACCGTAGAGATCAGATATTACAAACAGCTTTGTTTTGAG  
GGTTAGAAATATGAAATGATTTGGTTATGAACGCACAGTTTAGGCAGCAGGGCCAAGAAT  
CCTGACCCTCTGCCCCGTGGTTATCTCCTCCCCAGCTTGGCTGCCTCATGTATCACAGT  
ATTCCATTTTGTGTTGTCATGTCTTGTGAAGCCATCAAGATTTTCTCGTCTGTTTTCT  
CTCATTGGTAATGCTCACTTTTGTGACTTCATTACAAATCTGTAATCCCGTTCAAATAAA  
TATCCACAACAGGATCTG

>SEQUENCE:912:prostate\_MPM2000-004P1Novel007-2-Table2

TGGGCCCTTAGATGCAAGCTCCAGCGGCCGCCAGTGTGATGTTTATCTGCAGAATTTTCC  
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TAGGAAAAGCAAGGAAGACAGCATGTCTATAGCAGTGGGAGGTGGAAGGATAATAGACAG  
TAGGTGAGGTTAGAGGGGACCAAATCATGTATTTTCCATCCAGAGGTTCCCAACCTTGGC  
TGCACATTAGATTTATTCTAAGGAGCTTTTAAAAAATACCAATGACTGGGTCCCAGCCTA  
GAGTGATTAAATCAGAATCTCTGGAGGTAGACTTGAGAATCTGATGTTTGCAAGTTTCCT  
AGGCAAGTCAAGGCTGAGGAAGACTGCTGCAGGCCATTGTAAGAGCCAGGCGTTGATCTC  
ATTCAACCTTTC

>SEQUENCE:913:prostate\_MPM2000-004P1Novel007-2-Table2

AGACATATACATAGCTGGCTTTTACTAGCCAAGGCAATGTAAATGGACTAAGATTCTCAT  
GTGACTTGAGGGNATCTGTTTTATNNATTCTTTTCAAACACCTTTTTTNACAGGGCAT  
GTANAACCCCTCTCTTTATTTAAGGAGGGAGGGAAAAACACATGTAACCAGAATTCAGAG  
TGGGTTACTCAACCTAAGAGAACATACGGAGTTCTCTTTGGGAAAACAACAAGACTACAG  
TGTTCACTTCG

>SEQUENCE:914:prostate\_MPM2000-004P1Novel007-2-Table2

AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGC  
AGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACTACATATGCAGAATCTGATACAA  
TGTTAATAGACTGATTAATAATCTTGTTAACACTGTAATGACGGCAACCAACTCTGCTCTT  
TGAGTCAAGTGATACTGGGTTTTGATGACTCATTCTTTTGGCCCGGTGTAAGCCACTTTT  
CCATTGCTGGAACCATCAGTAAACACTGCCAGAGCATTTTTTTAAAGGCTTATGTTTGGTA  
ACTTTAGGTAAAATCCAAGTAGTCAATTTTAAAACTGGAAGATTTTGTGTTTGGGGTAA  
CGATTGTCAATAATTCCACAAAATCGGCAAGACCAATCTGCCATGCACCAGAATTGATA  
AAGGCTTGTCTAACCTGTTGCTTGTGTAAGGAACA



Table 7  
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>SEQUENCE:915:prostate\_MPM2000-004P1Novel007-2-Table2

GTATACGACTCCTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGT  
GTGATGGATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACACATTTGAGA  
TGCAGATCATCAAGGCCAAAGATAACTTTGCAGGAAATTACAGATGCGAGGTCACCTATA  
AGGATAAGTTTGACAGCTGTTTCATTTGATCTTGAAGTGCACGAATCTACTGGGACTACTC  
CAAACATTGACATCAGATCTGCTTTCAGAGAAGTGGAGAAGGTCAAGAGGATGCAGGAG  
AACTTGACTTTAGTGGTCTCCTGAAACGTAGGTGAGAACAAAGTGTGGAGTGAGACATT  
GTGGCCTGGAAGTCTTTCAGACACCCACTCAGAGAAGTCAAGTTTAAAGTGGATGTTCTT  
CAGAGAATTTTTCATTTCTGAAAATGTGTTTTGCTTATAGAAATATACAGAGTTGACTAG  
AAAGAGAGAAACAACCTGCATACTAATCTTTTAAAGCCTTTAACAGTTGCTTTAACTTTT  
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>SEQUENCE:916:prostate\_MPM2000-004P1Novel007-2-Table2

CTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA  
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TAAGCCCACTGTTAATATAGACGCAGACCAATTGTTAGGAACAGGTCCAAATTGGAGCAC  
CATTAGCCAACAATCAGTGATGCAGAATGAGGCTATTGAACAAGTAAGGGCTATTTGCCT  
CAGGGCCTGGGGAAAAAATTCAGGACCCAGGAACAGCTTTCCCTATTAATTCAATTAGACA  
AGGCTCTAAAGAGCCATATCCTGACTTTGTGGCAAGATTACAAGATGCTGCTCAAAAGTC  
TATTACAGATGACAATGCCCGAAAAGTTATTGTAGAATTAATGGCCTATGAAAATGCAAA  
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>SEQUENCE:917:prostate\_MPM2000-004P1Novel007-2-Table2

ACACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGAT  
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GGAATGGCTGTTTTTCAGGCCTTATTAGGAAAACAAACAAACAATGGCAGTTACTACCTGT  
TTTTTATCACTGATAAGCTAAAATAAAGCTCAAATATGGACAGTTTAACTGTGTGATATT  
AAGTAAAAAATGAAAACCATTATAGTTTTTACCAAAGAAACACAAAAAATATGGGAAGGA  
GTGAAATGAACATGGCATAGGTCCCAAAGATTACACTATGATTCTGAACAGCATTTTCAA  
AACAAAGGGTATCTACATACAATTTCTGTGAATATTTCTTATACTAGATAGATCAAAAGC  
AAATGTAGGCTCAGCCCTACCTTGTCAAAGATAAATATTAGATAAACTAGAAAGTTCCAT  
CTGCTAAAGTGCA

>SEQUENCE:918:prostate\_MPM2000-004P1Novel007-2-Table2

TAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTG  
CAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACGCGGGGGAGCGGAGACCCGGGAG  
C

AGGAGCTGGGCCTAGGTCTGCGCCCTGAATTAGAGCCCATTTGGGAACGATGCCACCACCG  
TCAGACATTTGCCAAAGTGGCCATTGAGTGGCCAGGTGCTAACGCCAGCTCCTTGAAAT  
CGACCAGAAACGGCCCCTGGCATCCATTATCAAGGAAGTTTGTGATGGGTGGTTCGTTGCC  
AAACCCAGAGTATTATACCCTCCGTTATGCAGATGGTCCTCAACTGTACCTGCCCGGGC

>SEQUENCE:919:prostate\_MPM2000-004P1Novel007-2-Table2

TGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGG  
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ACACTGTAATGACGGCAACCAACTCTGCTCTTTGAGTCAAGTGATACTGAGTTTTGATGA  
CTCATTCTTTTGGCCCGGTGTAAGCCACTTTTCCATTGCTGGAACCATCAGTAAACACTG  
CCAGAGCATTTTTTAAAGGCTTATGTTTGGTAACTTTAGGTAAAATCCAAGTAGTCAATT  
TTAAAAACTGGAGGATTTTTGTTTTGGGGTAACGATTGTCAATAATTCCACAAAATCGG  
CAAGACCAATCTGCCATGCACCAGAATTGATAAAGGCTTGTCTAACCCGTTGCTTGTTGA  
AAGG

>SEQUENCE:920:prostate\_MPM2000-004P1Novel007-2-Table2

GACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGAT  
GGATATCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACACAGGTATCTAAT  
AATACTAGTGAGAAATACTACAGCTATATTCCAGGAAGAAGTGGTAATACTGGAAAGTTT  
CTTTCCTTTTTGAGTTGTCTATACAATAAGTCCTTTCACAGAAATATAGTATCCCAAATT  
CATAGAGAAGTGCAGAAATGAAACAAATGAAATGTCTTCTGACAAGCTCAACCAAACCTGG  
TCCCAAATCATGACAGTTATTTTGTCTAAGACCGTATTAATACTTTGCACTGCAGCACCT  
TTTACAAGAGGACAGCAAAAAACTTCACATGTGTAATCACTGGGCTCCTCTGCAAGAGGC  
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>SEQUENCE:921:prostate\_MPM2000-004P1Novel007-2-Table2  
AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGC  
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CGTGGGACAGCTCATCTCACACCTCCAGGTCTCCAACCAGGAGATTACAGACCTACGCCAT  
TGCACTGATTAATGCACTTTTTCTGAAGGCTCCTGAGGACAAACGACAGGATATGGCAA  
TGCAATTTGCACAGAAGCATCTCCGGTCTATAATCCTGAATCATGTGATCCGAGGGGAACCG  
CCCCATCAAACTGAGATGGCCCATCAGCTATATGTCCTTCAAGTCCTAACCTTTAACCT  
TCTGGAAGAAAGGATGATGACCAAGATGGACCCCAATGACCAGGCTCAAAGGGACATCAT  
ATTTGAACTGAGGAGG

>SEQUENCE:922:prostate\_MPM2000-004P1Novel007-2-Table2  
CTATAGGGCGAATTGTGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATAT  
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GGCAGTATGTTTGGTAAAAGTCATCGCCATTCTCCATTCTCGATAACCAGGGGGCTCAATG  
CACTGTGGAAAGCCACAGGAACCTCTGCCCAAGAAAGCCTGGCTGTTGTGGGAAGTCAGG  
GACCCCGAATGGAGGGACCAGCTGGTGCTGCATCAGGAAACATAAATTGTGAAGATTTCT  
TGGACATTTATCAGTTTCCAAAATTAATACTTTTATAATTTCTTACACCTGTCTTACTTT  
AATCTCTTAATCCTGTTATCTTTGTAAGCTGAGGATATACGTCACCTCAGGACCACTATT  
GTACAAGAAAACCCCAAAGCTAACTAGAACTATAGGCAAAATCATAGCTGACTTTCTAAA  
CTAATGCACCACTATATAATGCTTTCCCGGAGAAAGTAGAAGGTTCTCAAGATTTTATGT  
TGACCCATGATTTTTTACGTGTTCTCAAATATAAAACCAGAGTTTTCTTTTTGTCTTTAA  
TTTACACTCATGT

>SEQUENCE:923:prostate\_MPM2000-004P1Novel007-2-Table2  
GCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGA  
ATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACCAAGGTCTGGCAATAGTCATGTTTCT  
TCTCTCTCTCTCTGTCTTCTTTCTTTCTTCTTCTTCCAGGGATCACTACTTGTGTGATGT  
GACATGGGCAACACAAGAAAGAATTTCTTTGCAGTGGCTCAGGAGGATTACAGAACTATTC  
GGTCATGGATATTTGTGACTATGATGAATCCAGTGGAAAGATGGAAGTCTTAGTGGCAGC  
GCAACACATTGAAATGAGTACCTTTCTGTACATGACTGGTGGCAGACCCTACTTTAACCC  
CAGCCCAACAAGGTCATGCTACAGAGCTGCTCATGGCATTTCCTGGACTCTCCTCCCTT  
GGTCTGACTGGATTCTTCTACCCTGATCCACTTAGTAAGTCCAAGCTCCATCT

>SEQUENCE:924:prostate\_MPM2000-004P1Novel007-2-Table2  
TCGAGCGGCCGCCAGTGTGTTGGATATCTGCAGTATTCGCCCTTTAGTGCGGACGCCCGG  
GCAGGTAATCTTAAAAATCTGTTAAGAGAGTGGATCTCATTTTAAGGGTTCTTACCACAA  
TAAATTTAAATTTTTGAAATAAATCAGTCATATTTGAGTGAAATGAAACCTTTCCGAGTA  
GTTTCAGACAATTGATAATACCTAGTTTACAGTTCCTGTAGTCATTTTGGAGGGTGAGGA  
CTTGATGTGTTTAGTAAAGTTGAGAAATAAATACATGAAAGAATGTGTGGGGAAGAGAAA  
GTGTGGGGAAGAGAAATTGTCTCAGAGGACCATTCTTAGTGGCACTGGGGAAATCTTGGC  
ACCCAGAAGAATTCAACTGCGCTCACTGCAAAAATACAATGGCCTA

>SEQUENCE:925:prostate\_MPM2000-004P1Novel007-2-Table2  
CTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTTTTGA  
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ATATGTCAGATGTTACTATGATTATCATTCAATCTCATAGTTTTTGTGATGCCCAATTTAT  
CCTCACTTGTGCCTCAACAAATTGAACTGTTAACAAAGGAATCTCTGGTCTGGGTAATG  
GCTGAGCACCCTGGGCATTTCCATTCCAGTTGGCTTCTTGGGTTTGTAGCTGCATCAC  
TAGTCATCTTAAATAAATGAAGTTTTAACATTTCTCCAGTGATTTTTTTATCTCACCTTT  
GAAGATACTATGTTATGTGATTAAATAAAGAACTTGAGAAGAACAGGTTTCATTAAACAT  
AAAATCAATGTAGACGCAAATTTTCTGGATGGGCAATACTTATGTTTACAGGAAATGCTT  
TAAATATGCAGAAGATAATTAAATGGCAATGGACNNNNNANANANANANANANANANANAN  
GGTCCCTCGGCCGCGACACGCTAAGGGCGAATTCCAGCACACTGGCGGCCGTTACTAGT  
GGATCCGAGCTCGGTACCAAGCTTGGCGTAATCATGGTCATAGCTG

>SEQUENCE:926:prostate\_MPM2000-004P1Novel007-2-Table2  
ACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
ATGGATATCTGCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACCAGTGTCTTG  
TCCACGGAGATTTCCCTTTTTACCTCCTCCATAATATCTGAGCAGCAAAAATTGAGATTT  
GCTATTTTCTTACCTTACTGACACACAGCAGAAATTTAACATTTAATTTTTTTGAAGGAA  
ATTTTTATTTAAAAACAAAGATTTGAAACTTGGTCCATGTAGGATGAATACATCCTCAAA

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ACAGAAGAAAAGAAGAATCTGAGGAATAAGAAGCAAGCTTCCTTTTCTTCTGAAGCGCTC  
AAATTAGAACTGTTGGAAGTTTATGCACCCTATAAAAGCAAATGATGTAGGTTTATGTT  
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>SEQUENCE:927:prostate\_MPM2000-004P1Novel007-2-Table2

CCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTTT  
CGAGCGGCCGCCCGGGCAGGTACTTTTTGTTTAGAATAAGAGAATTTAAAAAATATCCAG  
TAATGAGATACTTAGCAAGAAGTCAAATATAAAGCCCTTTGCTGTCTTTACTGGGACATA  
CTTTTTATGAACTATCCTCATCTATTAGGGTAGATGCTGCAGTGAGCTGCCCAGATCCT  
CTTCAGCACCAAGGCCCTAACTCTCCAGCTGCTGGGAGTACAATAGTGGTCCTGAGGTG  
ACGTATATCCTCAGCTTACAAAGATAACAGGATTAAGAGATTAAAGTAAGACAGGTGTAA  
GAAATTATAAAAGTANTTAATTTGAAACTGATAAATGTCCAAGAAATCTTCACAATTTA  
TGTTTCCTGATGCAGCACCAGCTGGTCCCTCCATTCCGNGTCCCTGACTTCCCACAACAG  
CCAGGCTTTCTTGGGCAGAGGTTCTGTGGGCTTACACAGTGCATTGAGCCCCTGGTTAA  
TCGAGAATGGAGAAT

>SEQUENCE:928:prostate\_MPM2000-004P1Novel007-2-Table2

CGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGAT  
GGATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACATTCTACATGCACGG  
CATAAGAACAGAGAGAAATACAATAAATGTGACAGTATTTTCAAATATTTTGTTTCTGAG  
ACATTTTGATAAGCAAATATCATACTAGAAGGGTTCTTCTGAGAATTATTACATCCTATC  
CTAACCTGTGAATATGGAACCTTGATTATTTTCCCATGATGACTTGATGGAAACCACTCGC  
CAACCAACAACAACAAAAGGAGAGCTCATTTACAACAATGCAGTCATTTATTTATTGAG  
TATGTGCACATTATGGTATTATTACTATACTGATTATATTTATCATGTGACTTCTAATTA  
GAAAATGTATCCAAAAGCAAAACAGCAGATATACAAAATTAAAGAGACAGAAGATAGACA  
TTAACAGATAAGGCAACTTATACATTGAGAATCCAAATCCAATACATTTAAACATTTGGG  
AATGAGGGGGACAAATGGAAGCCAGATCAAA

>SEQUENCE:929:prostate\_MPM2000-004P1Novel007-2-Table2

ACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGG  
ATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACTTTGCAAGTTTTCTTCT  
TTTAAACAATAATTTGAGTTTTTTTTTTCTTCCTTGCCACTAAATTCAAACCTATTCATG  
TAAGTAATAAGAATTTCCACCAAATGAACATCTGCTAAGTATTGAGGGACACAAAAAAGA  
GAAATCTTAAAAAAGTACCTTTGGAGAAGTTCTTATGGTGCAGGTCAA  
GAAAGATCTTAAGACTGGTCATTCAAAGGGGTTTGGCTTTGTTTCGTTTTACGGAATATGA  
AACACAAGTGAAAGTAATGTCACAGCGACATATGATAGATGGACGATGGTGTGACTGCAA  
ACTTCCTAATTCTAAGCAAAGCCAAGATGAGCCTTTGAGAAGCAGAAAAGTGTTTGTGGG  
GCGCTGTACCTGCCCG

>SEQUENCE:930:prostate\_MPM2000-004P1Novel007-2-Table2

GGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCC  
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ATACTAATGAAGTATTACATGATTTAAAGACTACAATAAAACCAAACATGCTTATAACAT  
TAAGAAAAACAATAAAGATACATGATTGGAACCAAGTTGAAAAATAGCATATGCCTTGGA  
GGAAATGTGCTCAAATTAATAATGATTTAGTGTTGTCCCTACTTTCTCTCTCTTTTTTCT  
TTCTTTTTTTTTTATTATGGTTAGCTGTCACATACTTTTCTTTTGTGAGATGGGGT  
CTCGCTCTGTCACCAGGCTGGAGTGCAGTGGCGCGATCTCGGCTCACTGCAACCTCCACA  
TCCCATGTTGAAGTAATTCTTCTGCCTCAGCCTCCCGA

>SEQUENCE:931:prostate\_MPM2000-004P1Novel007-2-Table2

ATACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT  
GATGGATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACGCGGGGGAAGGA  
ATCCCTTAAGTGCACGTCTCCCGTTTTCTTTTACATCAATGCAGAGTCCCTCTGTGAAT  
TTACAACACCCAACACCCATGAGTTCAGTCCCTTAAGAAGGAAAATTGAGCAAGTATTTAA  
TTGGTTGGACATTGCATAAAAGAGGTCCATATCCAGGCTAACTCTAGAAATTTTATTCTC  
AACTTAGTTGGCCTCTTTTCTTCTGTGAGAGGACCATTCTTAGTGGCACTGGGGAAAT  
CTTGGCACCCAGAAGAATTCAACTGCGCTCACTGCAAAAATACAATGGCCTACATTGGAT  
TTGTAGAGGAGAAAGGAGCCCT

>SEQUENCE:932:prostate\_MPM2000-004P1Novel007-2-Table2

AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGC  
AGAATTCGCCCTTTGAGCGGCCGCCCGGGCAGGTACGCGGGGACATCAATGCAGAGTCC



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CTCTGTGAATTTACAACACCCAACACCCCATGAGTTCAGTCCTTAAGAAGGAAAATTGAGC  
AAGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATCCAGGCTAACTCTAGAAA  
TTTTATTCTCAAACCTTAGTTGGCCTCTTTTTCTTCTGTGAGAGGACCATTCTTAGTGGCA  
CTGGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCTCACTGCAAAAATAACAATGGCC  
TACATTGGATTTGTAGAGGAGAAAGGAGCCCTGTATTGTGAGCTGTGCTATGAGAAATTC  
TTTGCCCTGAATGTGGTCGATGCCAAAGGAAG

>SEQUENCE:933:prostate\_MPM2000-004P1Novel007-2-Table2

GTATACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAG  
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ACACACACAGCACCTGCACGCAGATGCACACATCTCTAGTCAAATGAGGCTTTTCACTTT  
TTGATAGGGGCTTTTTGATACGTGTATAACCAATACTTTACTCTCACTGTAGTCAAGGAC  
TCATTGCAATTCAGAAATGAGAAGCTGATCCGGAACCTCACTACAGCTCAAAGAAATTC  
CGAATGTTCTCACCTATTAACAGTTATTAATAATGGAAGAAGCTGGGGATGAAATTGTGAG  
CAATGCCATCTCCTACGCTCTATACAAAGCCTTCAGCACCAAGTGTGAGCAAGACAAGGATAA  
CTGGAATGGGCAGCTGAAGCTTCTGCTGGAGTGGAAACCAGCTGGACTTAGCCAATGATGA  
GATTTTCACCAATGACCGCCGATGGGAGTCTGCTGACCTTCAAGAAGTCATGTTTACGGC  
TCTCATAAAGGACAGACCCAAGTTTGTCCGCCTCTTTCTGGAGAATGGCTTGAACCTACN  
GAAGTTTCTCACCCATGATGTNCTCACTGAACCTC

>SEQUENCE:934:prostate\_MPM2000-004P1Novel007-2-Table2

GATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGGCTTAGCGTGGT  
CGCGGCCGAGGTACATCTACCTAAAGGACTATTATGTGGAATAATACATACTAATGAAGT  
ATTACATGATTTAAAGACTACAATAAAACCAAACATGCTTATAACATTAAGAAAAACAAT  
AAAGATACATGATTGAAACCAAGTTGAAAAATAGCATATGCCTTGGAGGAAATGTGCTCA  
AATTACTAATGATTTAGTGTGTCCTACTTTCTCTCTCTTTTTCTTTCTTTGTTTTTA  
TTATGGTTAGCTGTACATACAACCTTTTTTTTTTTGAGATGGGGTCTCGCTCTGTCACCA  
GGCTGGAGTGCAGTGGCGCGATCTCGGCTCACTGCAACCTCCACATCCCATGTTGAAGTA  
ATTCTTCTGCCTCAGCCTCCCGAGTAGCTGGGACTAGAGGAACGTGCCACCATGACTGGC  
TAATTNTCTGTATTTTTTAGTAGAGACAGAGTTTCACCATGTT

>SEQUENCE:935:prostate\_MPM2000-004P1Novel007-2-Table2

ATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCT  
GCAGAATTCGCC

>SEQUENCE:936:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
ATGGATATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACCTGGGACCACAGG  
CACATGCTAACGCACCCACTTAATTTTTTTTATTCGTAGAGCCGAGGTCTCACTATGTTGC  
CCAGACTGGTCTAAGCTTTGGGCTAAGCAGTCCTCTGCCTAGCCTCCCAAAGTGCCAGGA  
TTACAGGTGTGAGCCACCACACCCAGTCCAAAAAGTGATTTTCTAATTCCATAGTTTCTT  
CTACATTTCTTAACCTGGAATTTTGTAAAGGAAGAGTTATCCTTATTCATTTATTTACCCAT  
TTACTTGTGGGAGCATGTTTCAATAAATTCTAAATCTATGGGGTTGTAGTTAGCTACTGG  
TAAATTTGATGCACATATTTTTTCCAGATTCAATAAGT

>SEQUENCE:937:prostate\_MPM2000-004P1Novel007-2-Table2

ATGCATGCTCGAGCGGTGACAGTGTGATGGATATCTGCAGAATTCGCCCTTAGCGTGGT  
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ATGGAAATAATTCTGTGTCTCAAATGCCCTGTGGAGCACACACTTATCAGTTGATGGCTA  
TGGAATTTTCCAACATCAGCTAAAGAGAAGGAGTGGTGAAGTTCCAAGCTTCATGCAGAAC  
CGGACAACAGAAATTGAGAGGGAAATTTCTATGACAGAAGAGAGAAAGAAGATAATTGCT  
GGAATAATGACCTTGAATAGAGGAAATGGGATATCATCTGGTAAGCAAATAGAGAAGCTG  
GCTNTAGATAAGAGCCTGGACAATTCATTCATAGAATAGCAGAAAAGGCAGAATTTATGT  
CCATAGATGCAAGTGGTATAGTAGATATAGTGATGGGAGTATGTAAAAGTTACCTTCTAA  
TTGCTATTTTTTTTAAATGAAATAAGAAACAAAGTCA

>SEQUENCE:938:prostate\_MPM2000-004P1Novel007-2-Table2

ACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
ATGGATATCTGCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACGCGGGGACATC  
AATGCAGAGTCCCTCTGTGAATTTACAACACCCAACACCCATGAGTTCACTCCTTAAGAA  
GGAAAATTGACAAGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATCCAGGCT  
AACTCTAGAAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTTCTTCTGTGAGAGGACCAT

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TCTTAGTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCTCACTGCAAAA  
ATACAATGGCCTACATTGGATTTGTAGAGGAGAAAGGAGCCCTGTATTGTGAGCTGTGCT  
ATGAGAAATTCTTTGCCCTGAATGTGGTCGATGCCAAAGGAAGATCCTTGGAGAAGTCA  
TCAATGCGTTGAAACAACTTGGCATGTTTCCTGTTTTGTGTGTGTAGCCTGGGGAAAGC  
CCATTGGAACAATGTTTTCACTTGGAGGATGGTGAACCCTACTGTGAGACTGATTATT  
ATGCCC

>SEQUENCE:939:prostate\_MPM2000-004P1Novel007-2-Table2

TATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATC  
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AATTACTTTTTTATATTTCCCATCCCAGAGTTTTACTTTTTGCCTGGGCTGAGAAGCACT  
TCATTTAGTCAGTCAGTAATCATTTACTGAATGCTATAAGCATCAATGGGTATGGGGCAC  
AGGAGAGAGATGAAATAGAGTCTTACCCTTAGGGAGCTAACAACATAAGACAAATTAGT  
GTGTTTGGGGAACATTGAGTAAAGAGCAATCATTTGAAGAGGAATGTGCAAAATAAATTT  
ATTAGACCAATTGTAAATGATTTGAGATTCTTTATTAAGAATTATTCATATCACTGTTCC  
CATTATTAATCTAATGTCTGTAGATAGTATGAAGTAACAGGCTTCCTTTGCCCTTCTAA  
ACCAGTCTTAATGAGAACACTAATTTAAGCATGGAAGCTTCAGTGTTTGATGCTTTTTAT  
TTAGGTTTTGCTTCAAATTATAGCTTATGTAACAATATCAATAATTTGAAACAGTATG

>SEQUENCE:940:prostate\_MPM2000-004P1Novel007-2-Table2

CTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA  
TATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACCTTACCACATTTACAGAA  
TAATACAGATAACCAAAAGATCATTTCAATAGATAAGTCTTTCATCAAACCTTAAAACCCA  
CTTATGATTTTAAAACTCTTCTTCAATTAGAAATGAGAAAGGATAGTTCTTAACCTGAC  
TAAAGCATCTATAAAATAATCCAAAAGTTAACATTATCTTAAATGAGCAAACATTGGAA  
GCATTCTCTTTGAAATCAGGAATGGCACAAGGAAAAAACTTATTACCACCTTTTGTTTATA  
ATTGTACAAAACACTATTTCAAATCTAGGCCTTCTGACAGAATCCAATATCTATTTTTAT  
ACTTACTTTTCTTCTACTAAGTTCTTTAATAAAATTATGAATCAGAAAGCAAGTACC

>SEQUENCE:941:prostate\_MPM2000-004P1Novel007-2-Table2

CTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATAT  
CTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACATCTACCTAAAGGACTATT  
ATGTGGAATAATACATACTAATGAAGTATTACATGATTTAAAGACTACAATAAAACCAAA  
CATGCTTATAACATTAAGAAAAACAATAAAGATACATGATTGAAACCAAGTTGAAAAATA  
GCATATGCCTTGGAGGAAATGTGCTCAAATTACTAATGATTTAGTGTTGTCCCTACTTTC  
TCTCTCTTTTTCTTCTTTTTTTTTTTTATTATGGTTAGCTGTCACATACAACCTTTTTTTT  
TTTTTGAGATGGGGTCTCGCTCTGTCACCAGGCTGGAGTGCAGTGGAGCGATCTTGGCTC  
ACTGCAACCTTCACATTCCATGTTGAAGTAAATTTTTT

>SEQUENCE:942:prostate\_MPM2000-004P1Novel007-2-Table2

ATACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT  
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TACCAGGAACCGCCATGCCTCAAGATCGCCCTGTTTTCTGGCTTCATCAATGACTGCATG  
CAGTGCACCACCCTGTCCACTACGTGATGCTGTAGGATTAAGTCTCACAGTGGGCGGCTG  
AGGATACAGCGCCGCGTCTGTGTTGCTGGTGAATTAGACGCCATCGCTGTGGGTTGCTG  
GTATGGTGCCGTGCTATTTGGCACAGGACACACCGCTTGAGGTCTGTATTGAACCTCTGA  
AGGAGGCCGATACTGAAGCTCGGTTGGCAGCCGGTATTGATAAACTACCAGCGGTTGGGT  
CTTATTTTCTACCGGCTGATATTGTGGATACTGTATCTGA

>SEQUENCE:943:prostate\_MPM2000-004P1Novel007-2-Table2

TTAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCT  
GCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACCTGACTGTGGCTCAGATCTGCGT  
CGCAGCAGCGAGAGAAGAAATCACTCCATATCCGATGAGAGGAAGGGTGGCACAGAGATG  
GTGTCTACAATTAGAGACATTTCTGACTCCACCTTAGCCTAAGCAAACCTTTATATACTGA  
GTAACATTTGAAGGTTGTCTTTAATGGTGGGGGGTGTTTTTTCTTTTTTAACTACAGT  
GCTTGACAAGAGAGGGGAGGGACTCAGAAAAGGTTAGGGCAGGTGAGGGAGACAGTAGAT  
GGCCTGGGATGACTTGAGTCCATCATACTATTGCTTGGCAGGTGTCCTCCCCCATGTTTG  
ATTCAAATTCCATGAGTGACCTACCTT

>SEQUENCE:944:prostate\_MPM2000-004P1Novel007-2-Table2

CTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA  
TATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACATCTACCTAAAGGACTAT

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TATGTGGAATAATACATACTAATGAAGTATTACATGATTTAAAGACTACAATAAAACCAA  
ACATGCTTATAACATTAAGAAAAACAAATAAAGATACATGGATTGAACCCAAGTTGAAAA  
ATAGCATATGCCTTGGAGGAAATGTGCTCAAATTACTAATGATTTAGTGTTGTCCCTACT  
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>SEQUENCE:945:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT  
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TCTGTCCCTCCCCAGGAGCTAGTCCATTGCCGCCTCGGTTGGGCATGGGGTCAATTGACATC  
TCTGTCTTCCCTCATCCTGCTTAGCGGGCTTGGGTCTCGCGGCCGCGGGGTGAGGGAAGA  
CCAGAGGACCACTAGCCCCAGGAAGCTTCCCACCACCAGCAAAGTGCCTAAGATGAATCC  
AATCTTCAGCCTCATCTTCCCTCCGGCGGCGAGAGACTCACAGCCCGGCGCAGCCGCCCCC  
GCGTACCTGCCCGGGCGGCCGCTCGAAAGGGCGAATTCAGCACACTGGCGGCCGTTACT  
AGTGGATCCGAGCTTGGTACCAAGCTTGGCGTAATCATGGTCATAAGCTGATTCCTGTGT  
GAAAT

>SEQUENCE:946:prostate\_MPM2000-004P1Novel007-2-Table2

TATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATC  
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CTGTTTCCAACCTCAAGATTCTGTTATTTCAATTATAAGCATTTTGAGGAAGGCAGTTGGTA  
TAAAGGTGACCTTAGTAATAAAAGTCAGTGTGAAGTCTAAAGAAATTCACAATGAATTT  
AAAGACAAGAATTTTAGGGACAAGGATACAGAAATTTGCCTAGTAAGTTGCACACAGCAG  
ATGGTAAATATTTATTGACTCAATGGAGTAATGTTAAAAATAAGGTTTCCCATGGACTGT  
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>SEQUENCE:947:prostate\_MPM2000-004P1Novel007-2-Table2

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GAAAAAAGGGTGGGGAGTGCCCTTTCTTGAAGGAATCCCTTAAGTGCACGTCTCCCGTT  
TTCTTTTTCACATCAATGCAGAGTCCCTCTGTGAATTTACAACACCCAACACCCATGAGTT  
CAGTCCTTAAGAAGGAAAATTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGG  
TCCATATCCAGGCTAACTCTAGAAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTTCTTC  
TGTCAGAGGACCATTCTTAGTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTG  
CGCTCACTGCAAAAATACAATGGCCTACATTGGATTTGTAGAGGAGAAAGGAGCCCTGTA  
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AG

>SEQUENCE:948:prostate\_MPM2000-004P1Novel007-2-Table2

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TCAAGGAGAAAGTGACATTGGAAGTTGGAATAATTAATAATGATTCTACTTGAAAAATTT  
GACCATTGCATAGAAATATTAGCTATCGTCTAATCTTTTGTAATCTTAGAAACAATCGTG  
AATTGTTTGGTGAAAAATGAAAAATAACCAATTTCTTATGTCTCCGTGACCTTTATAGAC  
CAATGTCACCAACTTTTCCTAAGGTAATTGTTTCCTACTGTCAAATAGCTCTAGTGATAT  
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>SEQUENCE:949:prostate\_MPM2000-004P1Novel007-2-Table2

GACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGAT  
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TTCATAAAAAAGTGGATTTTTCCAGCTCTCCAGTTCAGATGCTATTAACAGGTAATCAGA  
TAGCACTGACTAAGTAGAAATAGATTAAGAGTAATACCTAAATTTAATGTATTTTAGCAT  
ATTGAAATGAGTATCATCAGTGTATTTTCAATTTATCACTTTGTCTACACTTTATTAGGT  
GGCCTTAATGCTTGTGATTGACAAATGTTAACTTTCTCACAAAACCTACACTATTTCACT  
TTTTTCCAGTATTTTTGCCTTCTTATTAATAAATGTTTCT

>SEQUENCE:950:prostate\_MPM2000-004P1Novel007-2-Table2

CTCACTATAGGGCGAATCGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGG  
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AGGCTAACTCTAGAAATTATATTCTCAAACCTTAGTTGGCCTCTTTTTCTTCTGTCAGAGG  
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>SEQUENCE:951:prostate\_MPM2000-004P1Novel007-2-Table2  
TACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
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TGCAGAGTCCCTCTGTGAATTTACAACACCCAACACCCATGAGTTCAGTCCTTAAGAAGG  
AAAATTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATCCAGGCTA  
ACTCTAGAAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTTCTTCTGTCAGGGGACCATT  
CTTAGTGGCACTGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCTCACTGCAAAAAT  
ACAATGGCCTACATTGGATTTGTAGAGGAGAAAGGAGCCCTGTATTGTGAGCTGTGCTAT  
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>SEQUENCE:952:prostate\_MPM2000-004P1Novel007-2-Table2  
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CCATGCCCAGCTCATTTTTGTATTTTAGTAGAGACAGGGTTTCACCATGTTGGCCAGGA  
TGATCTTGATCTCTTGACCTCATGATCCGCCCTCTTGGCCTCCCAAAGTGCTGGGATCA  
CAGGCGTGAGCCACCACACCTGGCCCTCTATTTATTCTCTTTAAAGAGAGAGAAAACTAT  
GAGAGGCCAAAATTATTTAATTAAATCTTTACCTTAGCACAAGGGAAAAAATGGAATTTG  
CCTAATATAGGTGATGAAGCATACACAATGAACAGAAACAATCACATTTTAGTAAAAGGC  
AAAAATTTGAGACTTATAAGCTAT  
>SEQUENCE:953:prostate\_MPM2000-004P1Novel007-2-Table2  
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CTAATTACAATTTTTTCAGCACCAAATTACTTAGATGTATACAATAACAAAGCTGCAGTA  
TAGAATTATTGAGAACAATGTTTTGAATATCAAGCAGAGAATCGGATGGCCTTTTATATG  
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>SEQUENCE:954:prostate\_MPM2000-004P1Novel007-2-Table2  
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TCTGTGTTCTGTATATTCTGCCTAAGGCAAAGAAATGTTTAGCTCTCTTTAAATAGTTC  
CATAATTTTTCTAAAAAGCCTTTGCTTGAAAAGCTGTAAGCTTCCCATATCTGGAGCATT  
TCACTTTAAATATTTGGATAAATATGTTATCTTTTTACTTGGACATTTTCATGTGTTTAGG  
GAATATGTCTTCTAAATTCTTCCTAATTCATATAGCTGCTAACACTTCCCGCAGAGCTAA  
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CTGAGTGTTATAACCTCATTTAATCTTTCAGCATTTACAGTTTCAAGAGTTTGTGTCAC  
>SEQUENCE:955:prostate\_MPM2000-004P1Novel007-2-Table2  
TATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATC  
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CTGGACTTTCTCACCTGAGGCAGGGACATGTACCCACTGGGTATCCGTTAGAGGTAAGG  
GAGAGGAGAGGATTGATAGAGTGTTGCAAAAGTATAGATTATTCATTGAGATAAAGGATT  
TGGTTTCCCTGCCATGAGTATTAATAAAATTTAAGTTTTCCCAAGCTTGCATCTCTGACC  
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GCACTGGGAAGCTAAGGCGGGTGGATCACTTGAGGTCAGGAGTTCGAGACCAGCCTGGCC  
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>SEQUENCE:956:prostate\_MPM2000-004P1Novel007-2-Table2  
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TATTTCCACTGTTCTACCATGGCAAATCATGTCAGTCATTGATGTTGGGTTCCCACTT  
ACTTTCCAACCCTCCCCAAACCCAAAAGCCTGGGACACTGATACTCCACCAGCCAGAGGT  
CATGTCAGTTGATGACATGAATGACAGTATAGGGCAGGTGCAGCTCAGAGTGAGACAAAT  
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GATGCCTTTCTGACCCTCACATCCAACAAGGGCCTCCAAATCCTCGCCTTCCTGATCCA  
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GGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCC

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CTTAGCGTGGTTCGCGGCCGAGGTACAGCCTATTATATTCCCACATCCTGAGAAAGGTCAT  
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ACTTGACATGCCCATTCTCCAGTTTTCTTAATCTGAGACTCCCTTCCCTTGTTTTTTAA  
AGATACCGTGCTTCTCCACATCCTCATCCTCAAGGAGCATATTTTGCTCTTAGGATGGT  
CTTTGGGATTCAAGAATAGAATAATAAATCCAACTTGGTCATTCCCATTGGAAGAGAT  
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>SEQUENCE:958:prostate\_MPM2000-004P1Novel007-2-Table2

CTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATAT  
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AACCTGAGCTTTTGAGCAGACTCTGAGAAGTATCATTGCTTGTGTTGAAAGAATACAACA  
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TGTAATCCCAGCGCTT

>SEQUENCE:959:prostate\_MPM2000-004P1Novel007-2-Table2

CTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA  
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AAGGGTAGCATCTATCAGGTTTTTCAAGATACTAAACAGAAATGAGCACAGTCTGTACCCGC  
TAAACTGCACAGCTCGACCTTCATGGCGACAGCTCCCCCGCGTACTCTCAAACCATCTC  
TCTGGATTATTCATCCTCTGATTCTCACTAAGAACTGAGCTCTGTCTGGGCACTTTCACT  
AACACACCTGTCTGATAGGCTCTTTCTCCTAATTGGAACTCTGGAGGTTAATGAGGTCC  
TCATGTTGTTGCAAGTTTTCTACACTTGACACACTTGGATGGAGACTCTCCTCTCTAGAC  
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>SEQUENCE:960:prostate\_MPM2000-004P1Novel007-2-Table2

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ATTTTAAATGCACTTGTGATAAACTGGCAGCAGGGTTAGACATTACTTTCAAAGCTTGAG  
GTAGACCGAGTCAGCATGCTAGACAGGCTTCTCTCTAACCAAAACCTGTAATCTTCAGG  
ACCAGCAAACCTCAGCCCAAGGCAGCTAATCCCCCAACCCCATCCTCCGCGCCCCGTGCG  
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>SEQUENCE:961:prostate\_MPM2000-004P1Novel007-2-Table2

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TTGTCTAAATTAGCACCTTCGGGCTTTGGGACCAGGAATGTATAGTTTGGGAAGGCTGC  
GTGTGAGTTTAATGTGCAAAATGTGAACCTTCTAATCACTGGTCAACCAAAACAAATCCTC  
CTTCTAAAGGAAGAAAATAAAACCCCCAAAGTCAGCAGGACTCTTTAAACCAAATTTATG  
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>SEQUENCE:962:prostate\_MPM2000-004P1Novel007-2-Table2

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GAGGGGAGATTTGTGTGGCTGCAGCCGAGGGAGACCAGGAAGATCTGCATGGTGGGAAG  
G

ACCTGATGATACAGAGGTGAGAAATAAGAAAGGCTGCTGACTTTACCATCTGAGGCCACA  
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TAAGTAGTGACATGTTTTTGCACATTTCCAGCCCCTTTAAATATCCACACACACAGGAAG  
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>SEQUENCE:963:prostate\_MPM2000-004P1Novel007-2-Table2

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CAGCGCATCCTTCGACTTTTCCATGTGGCCACACACGCTTCAGAGCCCTAGGTGTCAGTG  
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>SEQUENCE:970:prostate\_MPM2000-004P1Novel007-2-Table2  
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AGTATTAGTAGTGGGTAATCCCTCCAACGTCCAGGACTCCAAACGAGCAGCTGCTCCCTA  
AAGCTCACCCACCAATCCTGGCCCTCCACCTGCTACTGGGGTAGAGGCCTGGGCTACAGA  
CACAGAGGCTGGGCTTCTGCCCAGCTGCCAGTGGTTAGACATGGCCTTTAGGAGCCTCAG  
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>SEQUENCE:971:prostate\_MPM2000-004P1Novel007-2-Table2  
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>SEQUENCE:972:prostate\_MPM2000-004P1Novel007-2-Table2  
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>SEQUENCE:973:prostate\_MPM2000-004P1Novel007-2-Table2  
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TTCTGATTTGATGAGTTCAACAGAAACCAACTCAAGGGAGAAGAATAAAGACATTGTTGA  
ACTTAGACTTTGACAAGATAAGCAAAAAGAAAAGCAAGAGATATGGAAGTGAAGTTCCTT  
TTGGCAAAAATTTAGAAAATGATAATGAGGAACATCGATTTTCAGCATACCTTAAGCCTT  
TTGAACAGACTTGTTCGATACTCTCTTGGAAAAGTATTTTTAAAAATAGAATTGAATATTT  
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>SEQUENCE:974:prostate\_MPM2000-004P1Novel007-2-Table2  
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AAAATCCAAGTAGTCAATTTTAAAAACTGGAAGATTTTGTGTTTGGGGTAACGATTGTCAA  
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CCAGGAAGAATCTGCATGGTGGGGAAGGACCTGATGATACAGAGGTGAGAAATAATAAAG  
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>SEQUENCE:980:prostate\_MPM2000-004P1Novel007-2-Table2

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ACTACAAAACCTGAACCAGTCTCAGCATAGATAGTAGTAATAGAAAGAAATGCCGCTCCT  
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>SEQUENCE:981:prostate\_MPM2000-004P1Novel007-2-Table2

CGAATAGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAA  
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CCCATCCCTCCAGCCTTATCTGTCATCACCATCAACCCCTCCCATGCACCTAAACAAAAT  
CTAACTTGTAATTCCCTGAACATTGTCAGGCCATCCATTAATTTCTTCTGGCCTGAGAA  
AGCTCTTTCTTGTCTCTTAAATTCTTAGAATGATGTTAAAGGTTTTGGAATAAAGTTGA  
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>SEQUENCE:982:prostate\_MPM2000-004P1Novel007-2-Table2

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ATAACATTAAGAAAAACAATAAAGATACATGATTGAAACCAAGTTGAAAAATAGCATATG  
CCTTGGAGGAAATGTGCTCAAATTACTAATGATTTAGTGTGTCCTACTTTCTCTCTCT  
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>SEQUENCE:983:prostate\_MPM2000-004P1Novel007-2-Table2

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TCGGGAGGCTGAGGCAAGAGAATGGCATGAACCCAGGAGGCGGAGCTTGCAGTGAGCTGA  
GATCGCGCCACTGCACTCCTGCCTGGGTGACAGAGTGAGACTCCATCTCAAAAAAAAAACA  
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TGACTCTAGGTAACTTGGGCCTTAATATGGTTAGACAAGAAGGGTTTTAGGTAACTTGC  
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>SEQUENCE:984:prostate\_MPM2000-004P1Novel007-2-Table2

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>SEQUENCE:985:prostate\_MPM2000-004P1Novel007-2-Table2

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ATCCATAGCTCACCTTTATTCTGAATAAACCATTTATCAAGAGTGCGCCTGAAAAGAGTG  
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>SEQUENCE:986:prostate\_MPM2000-004P1Novel007-2-Table2

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AGACAAAGACGAACATGAGACATGCGATATGAGTTTTTAAAGGAGAGAAGAGCAAAAAA  
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AAATAATAGTGTTCTGCAGGGAATGTCTGAAAAACCTCGGCCGCGACCACGCTAAGGGC  
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>SEQUENCE:988:prostate\_MPM2000-004P1Novel007-2-Table2

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TCAAGGATTGTGGTTTATATGGTGGATTTCTGTTGAATATGATCAAATGTTCACTGGAGA  
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>SEQUENCE:989:prostate\_MPM2000-004P1Novel007-2-Table2

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>SEQUENCE:990:prostate\_MPM2000-004P1Novel007-2-Table2

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>SEQUENCE:991:prostate\_MPM2000-004P1Novel007-2-Table2

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TGCTGGTGAATTAGACGCCATCGCTGTGGGTTGCTGGTATGGTGCCGTGCTATTTGGCAC  
AGGACACACCGCTTGAGGTCTGTATTGAACCTCTGAAGGAGGTTCGATACTGAAGCTCGGT  
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>SEQUENCE:992:prostate\_MPM2000-004P1Novel007-2-Table2

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AATGCACTGTGGAAAGCCACAGGAACCTCTGCCCAAGAAAGCCTGGCTGTTGTGGGAAGT  
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>SEQUENCE:993:prostate\_MPM2000-004P1Novel007-2-Table2

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ACTCTGCTCTTTGAGTCAAGTGATACTGAGTTTTGATGACTCATTCTTTTGGCCCGGTGT  
AAGCCACTTTTCCATTGCTGGAACCATCAGTAAACACTGCCAGAGCATTTTTTAAAGGCT  
TGTGTTTGGTAACTTTAGGTAAAATCCAAGTAGTCAATTTTAAAACTGGAAGATTTTTG



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TTTTGGGGTAACGATTGTCAATAATTCCCACAAAATCGGCAAGACCAATCTGCCATGCAC  
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>SEQUENCE:994:prostate\_MPM2000-004P1Novel007-2-Table2  
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TTATCGAAAGGTCAAACCTTGGTTTACCATCAAAGAAACCATACTGGAGAGAAGCCATACA  
AATGTATGGAATGTGGCAAGGCGTTTGGGCGGCGGTCTTGCCCTACTAAACACCAACGAA  
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>SEQUENCE:995:prostate\_MPM2000-004P1Novel007-2-Table2  
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CGAGCGGCCGCCCGGGCAGGTACATGCAGGTACAGGGGATATGATGGCTTAGCTTTGGC  
TCAGAGACCTGACAGGGGCAATCTACCTAGCTTGTTTGTAATAATGGGGATCCTAATATAA  
CCTCTTGGGATAGGTTGTAAGCAGTGGTGGTCTGGTAAATGTTAACAATCTAGTGTGCAG  
TGTGGGGAGAGGAAAGTCCGGATTTGTAATATTTGCTGATTTCTGTGGTGTAAATACTCC  
CATCACTGGCAATTTTAACTCCAATGTAAACGTCACCTGAGCACAGATTTGGGAAAAGGTG  
CATGGCAGTACCTCGGCCGCGACCACGCTAAGGGCGAATTCAGCACACTGGCGGCCGTT  
ACTAGTGGATCCGAGCTCGGTACCAAGCTTGGCGTAATCATGGTCATAGCTGTTTCCTGT  
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>SEQUENCE:996:prostate\_MPM2000-004P1Novel007-2-Table2  
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GCCTTAGCTCCCGAACTGAGGCTGTCTCCCCAACTGTGAGTCAACTGAGTGCAGTATTTG  
AGAACACTGATTCTCCAGTGCCATCATTTCTGAGAAGGCTGAAAACAATGAATACTCAG  
TGACTGGGCATTATCCCTTGAATTTACCATCTGTTACTGTTACAAATCTTGACACATTTG  
GTCACCTGAAGGATTCTAATTCCTGGCCTCCTTCAAACAAGCGAGGTGTTGATACAGAGG  
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ATGTTTCATCTTAAAAACCAGAACTTCTAGGAAATAGCAACAATTTGTTTTTTA  
>SEQUENCE:997:prostate\_MPM2000-004P1Novel007-2-Table2  
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AAACCAATGATCTCAGGAGATATTTTGGTCTGTCTTCCCTGAAATAAGAATTGTGTTTT  
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AGCAAACACTACAATACAGCCAGGGAAAGAGGATCTTCCAAACAAACAAAAAAGGTATGT  
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>SEQUENCE:998:prostate\_MPM2000-004P1Novel007-2-Table2  
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TCAGACGCTGAGTTTTAATTATGCACCAAACCTCCAGCCCGCAGATCCTCTTACCAAAGC  
CCCTGGCTGGTCTAGCCCATCATGACTTCTCTAGGAACAGTCCTTCTTTAGGACTATAAA  
GTATTAACAAAAGTCTGTAGATTAAGGAGCCTGCATAAAGAATTCTGGATACAGGCCCT  
GTCTTTCCAAAGTTCTCTCCAATATCCCTTGGGGTCTCATGTTTTTGAAGCAGCTTCA  
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>SEQUENCE:999:prostate\_MPM2000-004P1Novel007-2-Table2  
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GTGACTTTTTTGTACCTCAGAGTCCTATTGAAGAACCAGGTGGAATGATTGTGGTAAAG  
GCTATAGTGCTGGAGCCAAACACCCCAAGCAAGAAAACCTCTAAAAGGACAAAAGATAAGGT  
AGTGCCTCCAAGGTGGCACCTGAACCCTCTCAGGCTACTTTTTGGTTTCTACTAACAAC  
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>SEQUENCE:1000:prostate\_MPM2000-004P1Novel007-2-Table2

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AAAACACTGTTAACACATTAGCCTGGGAGGTGGTACTATTGGAATGAGACGCAGCACGAG  
CCGTATCCCCTCATGCTACCTGGCTGCAGCCCCAGCTGTCCTCTGGAGAGGTTTGCTGAG  
CTGGTTGGCCCTGTGATCCCTTAAGACTGGTTCACGGAGTGTATGACCACAAACAGCCAT  
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>SEQUENCE:1001:prostate\_MPM2000-004P1Novel007-2-Table2

GGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCA  
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CTTTTATTTTACTATTTTAACTTTTCTTAAAGATGCAGGGTTTCATACTACATCAATT  
AGGCGGACATGACAAAAATGACTTAAATAGGAACTGAATATAAAGAATACTCGATACCAT  
GACATCATCATCTGGAACAACCTGAAGTTTTCTACCTCTTGCTCCATTTTCTGAATAAGTG  
GATGTTTTATTTCATGGTCCTTGCGATGCCGATAAATACATTGGCTGATTACTGCATACAA  
ATTTTCCAACCTGAAATATGTTGTAGTTTTGACTTTTTTAAACAACAGTTCTTCAAAGAT  
TTTTTAATCGCTCATG

>SEQUENCE:1002:prostate\_MPM2000-004P1Novel007-2-Table2

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TCCGNCTCCCCAAAGCTTTATCTGTCTTGACTTTTTAAAAAAGTTTGGGGGCAGATTCTG  
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>SEQUENCE:1003:prostate\_MPM2000-004P1Novel007-2-Table2

TTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCG  
CCCTTAGCGTGGTCGCGGCCGAGGTACCCTGGAAGGGACATCTAAGGCTGCCATAAGAAA  
AATGACTGGCAGCTAAAAATGTTGTAGAAGTTGGAATCCTGATGGAATCATAATGAGTCA  
GCTAAAGGAATAATGATTCTTGCCGCTGTAAGAATACCACAATGACTAGTCAGGATTTAA  
ATGGGTAGCAAGTTGCAGTAGGGAGAAGGGCAGAAGAGTGGCTTCACACAAAATTACAAA  
GTCCTATGGAATCCCATTGTTGCCTCTCAGCTGTTTCAGTTAAGTCAAAATTACAAATATT  
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>SEQUENCE:1004:prostate\_MPM2000-004P1Novel007-2-Table2

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AGCTGCACCTGGGCCCATACCCCAAAACAACTCTCATTAAATTAACACAAGACCCATCA  
ATAAGAAAGTTGTCCCAGGGAAGGTGCACAGCAGGGACCTCTGCTTTTGGGAACCTGTGG  
CTATGCAGGCAGGGTCAGGAGTGTGACCCATTTTCTTCTCCTCCCCCTGCCTGCTGCACA  
GACAACTGAAACCAGGAGCTTTCCATTGCTAAGTATATAAAATACGTGATAGTTCCAGGG  
AAATGTAATACACATATGAAGGAATGAGGAACCTACATAAAATTAAATAAATGAATAT  
ATTAATATACAACACTGTAAGAGATAATCACGGAAGACAAATATAAAAAACCTG  
TGTGTATACGTGTGACATAGTGTCTTGTAAATTAATCGTAATTTGCTTATGAAGTCCT  
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>SEQUENCE:1005:prostate\_MPM2000-004P1Novel007-2-Table2

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CAGT

>SEQUENCE:1006:prostate\_MPM2000-004P1Novel007-2-Table2

AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGC  
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TTTCTTTATGTAAGCTTTTACAGTGTTTTGGCACATATTCCATTGCATTTCAATAAAAAT  
GTTAATGCATTATCAGTTAATTAAGAATTCTATATAAACTATTCTCAGTTTCATAAT

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TGCTTCCTATATATTTCTTGGAATAAGTGAAATTACATATGACAAGGCAACCAGCCAA  
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>SEQUENCE:1007:prostate\_MPM2000-004P1Novel007-2-Table2

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CTCTTCCTTTCTTTCTACCTGGAGGTTACAGTAAGTCAGCCATCATGTGACTATGAAGCA  
GCAAGCATTGCAAGGCAGGTTAAGCAGAAAGATAAAAGGAACCTGGGGCTTTGATATC  
ATAAAGGCAACAACATTATTGTCAGCTGTATGAGGAGAAAGATAAAGTCTTCCATTGATT  
CAAGCTACTGTTTTGAGCTTTTTATTACAAATAGCTAAATATTATTTCTAACTGATATAC  
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>SEQUENCE:1008:prostate\_MPM2000-004P1Novel007-2-Table2

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TGTTTGGTGGCTGGGATGGAACACAAGATCTTGCTGACTTCTGGGCGTACCGTATTAGAG  
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AAATGAACTGCTCTGTAACACAATAAAGAATAAAATCTTTCATGAGGTATGTATTATCA  
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>SEQUENCE:1009:prostate\_MPM2000-004P1Novel007-2-Table2

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AGCCTGCAACAGGAACTCTGCCCCAGTTTCTCCTCCCCTCTGCTCCAGCTCTGGGGCGC  
TGCTTTCCATGGACCAACGTTACTCCACCGGCGCTCCCAGGGATCACCAATGACACCACC  
ATACAGCAGGGGATCAGCGGTCTTATTGACAGCCTCAATGCCCGAGACATCAGTGTTAAG  
ATCTTTGAAGATTTTGGCCAGTCTGTTATTGGATTCTTGTGGCTGTGGGACAGATGATG  
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>SEQUENCE:1010:prostate\_MPM2000-004P1Novel007-2-Table2

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CATCGCTTTAGCAAGCGGCGTGACTCTCCGCTGCCCGTCATCTTGGCCAATATCTATCTG  
CTGGTTCCTCCTGTGCTCAACCCAATTGTCTATGGAGTGAAGACAAAGGAGATTCGACAG  
CGCATCCTTCGACTTTTCCATGTGGCCACACACGCTTCAGAGCCCTAGGTGTCAGTGATC  
AACTTCTTTTCCATTGAGAGTCTCTGATTGAGATTTTAATGTTAACATTTTGGAAGAC  
AGTATTCAGAAAAAAATTTCTTAATAAAAAATACAACCTCAGATCCTTCAAATATGAAAC  
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>SEQUENCE:1011:prostate\_MPM2000-004P1Novel007-2-Table2

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AAGCTGATCCCGGACCTCACTACAAGTGGGCTTTTTAAAAAAGATCTTCTCACAAAAAGA  
AAAGAAGTTTATGCTCCTCATGCCTAAATCTGTTGGCTGACACTTTGTTCTTTAATTTCC  
CCAGCTCAAAGAAATTCTCGAATGTTCTCACCTATTAACAGTTATTAATGGAAGAAGC  
TGGGGATGAAATTGTGAGCAATGCCATCTCCTACGCTCTATACAAAGCCTTCAGCACCAG  
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>SEQUENCE:1012:prostate\_MPM2000-004P1Novel007-2-Table2

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AAGTTTCCATGTGAGGACTCATGCTCTCTCCACTTTCTTCTTGGGAGGAGGGAAGATTTA  
CCTAATGGGTAAATTTGGGCAAAGCACATTGAGTGTGCTTGTGTTGGCTCTGAGTCTCTTT  
GCAAACATGTGTCTGCCCACAGTGACATGAGTTTGCCTTGACTGACATGTCTGCAGGAAG  
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GCTTTATTT

>SEQUENCE:1013:prostate\_MPM2000-004P1Novel007-2-Table2

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TGCTTGTATTCCAACCTCCTAAGGAGGCTGAGGCAGGAAAACCTGCTTGAACCTGGGAGG  
CGGAGGTTGCAGTGAGCTGAAATTGCGCCACTGCACTCCAGCCTGGGCGACAAGAGCAAG  
ACTCCATCTCAAAAAAAAAACAAAGAACAAAAACAAAAACAAAAACCTGTTCTGACC  
TTGAAACACACAAACACACACTCTCTCTTTATACACACACAGAGACCCACTGAAATTCC  
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>SEQUENCE:1014:prostate\_MPM2000-004P1Novel007-2-Table2

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ACCCAGCCATGCAATGCCAAATAATAGAATTGCTCCCTACCAGCTGAACAGGGAGGAGTC  
TGTGCAGTTTCTGACACTTGTGTTTGAACATGGGCTAAAATACATTGGGTATCCGCTGA  
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>SEQUENCE:1015:prostate\_MPM2000-004P1Novel007-2-Table2

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CCACAGCCTCAGTGGCTACGAGCTCATTTCCAGAGCCAACAACAGATGATGTGTCTCCAT  
CTCTGCATGCTGAGTTTGGCTCCCCACATTCCACAGAAGTAGATGACTCCCTTTCAGTGT  
CTGTTGTGCAAACACCTACCACATTCCAGGAAACAGAAATGTCTCCACCTAAAGAAGAAT  
GCCCAAGACCGATGTCAATTTCTCCACCAGATTTCTCCCCTAAACTGCAAAGTCCAGGA  
CACCCGTTCAAGATCACAGATCTGAACAGTCCTCAATGTCTATTGAATTTGGCCAAAAT  
CTCCTGAGCAATCCCTTGCTATGGACT

>SEQUENCE:1016:prostate\_MPM2000-004P1Novel007-2-Table2

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CCTAGTAGTCCTACATAAATCTGGTTTGCTGGAGATCACTTTGAAAACCAAGGAGTTGAT  
TCGTCAGAATCATGCAACTCATGTAGAAGTAGACCAGCTAAAGGAGCAAACCCAGCTGTT  
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ACCTGGGTCCAGTAATACAGGCAGTGACCTAGAAGCATTCTCTGATCACCCAGCCATATA  
GCACAGAGGCATATTTTCCTGTTACTTGAGTGGTTCTTTTAGCTCATTGCTGTTACCTA  
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>SEQUENCE:1018:prostate\_MPM2000-004P1Novel007-2-Table2

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ACCGCCATGCCTCAAGATCGCCCTGTTTTCTGGCTTCATCAATGACTGCATGCAGTGCAC  
CACCTGTCCACTACGTGATGCTGTAGGATTAAGTCTCACAGTGGGCGGCTGAGGATACA  
GCGCCGCGTCCTGTGTTGCTGGTGAATTAGACGCCATCGCTGTGGGTTGCTGGTATGGTG  
CCGTGCTATTTGGCACAGGACACACCGCTTGAGGTCTGTATTGAACCTCTGAAGGAGGCC  
GATACTGAAGCTCGGTTGGCAGCCGGTATTGATAAACTACCAGCGGTTGGGTCTTATTTT  
CTACCGGCTGATATTGTGGATACTGTATCTGAGTTGGCATTGCCGGGATAGAGACTCTGT  
CCCTTTCTACTTGATTTTCTCTTGGGGTTTGTGCTTGTCTAACCTGCGTTTGAGGTTGGA  
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ATGGCCCCAAT

>SEQUENCE:1019:prostate\_MPM2000-004P1Novel007-2-Table2

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>SEQUENCE:1020:prostate\_MPM2000-004P1Novel007-2-Table2

ACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA

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TGGATATCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACTCCGGCAGGGTG  
GGCCTCGGAGCGTAAAGGCGGCAAAGTGCTGGGGTTACAGGCGTGAGCACCATGCCAG  
C

CTAGACTTTTTTTTTTTGACTAACCATTATGCAAACAAGGAAGTATGGACTTTAATGAT  
AAAAACAATTTAGTATCACTTGATAAATAGTTTAATTGAAGCTATTACACCTCATGTATT  
TCTTTTCAAATGTAGACATTGACATAGAACTCTTACTGAAATGCTTTTAATGTGTTTACA  
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>SEQUENCE:1021:prostate\_MPM2000-004P1Novel007-2-Table2

TATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATC  
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GTAATCGCTTTTTTGAGGGGGCTAGAACTAGCTGGGTATTGTAATGTTATTGCGATTAAA  
ATAGATGGTGAATGCTAATTCTTAAGCCAAAATAATTATTTCCGGTGCCCATTTATTCCCC  
CCTTTTCTTGCTCTGTAGCGGTTCTCTTTGAGAGCAGTGTGACCACTATCCCCAGTTGT  
CTTGCAATGATTAATTACAGCATCTGTCTGTGAGAGCTATAATGAAGAGGTCTTGATAA  
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>SEQUENCE:1022:prostate\_MPM2000-004P1Novel007-2-Table2

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AACAGTTGGGTTTTTAAAAAAATTCAAACTCATGCATGTTACCTACTTGTCATGTGTG  
AATTATTTCTCACAATTTTAATTAATCTGTGTGTATATTAGTTATATAAAGCAATGGATT  
TCCACATTCTTAAAGCAGGAACCTATATTCACCAGAAAAGGATCCTCCTGTTTCTCATCA  
AATTTTTTTTCAGCTCGAACAATCCAAGATTGGGAATAGTAAGAGTGGCAAACAAATGTT  
TTCTTAGGGACCTACTGAGAAAAGAAAAAACTTACTGGGAGAACAGAGACTTAGTAAAT  
TTCTATTGCTACAGACAAATGCTAAAAACCAGCTTTATAATAACAGCA

>SEQUENCE:1023:prostate\_MPM2000-004P1Novel007-2-Table2

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TTATGTGGAATAATACATACTAATGAAGTATTACATGATTTAAAGACTACAATAAAACCA  
AACATGCTTATAACATTTAGAAAAACCCAATAAGATGCATGATTGAAACCAGGTTGAAAA  
ATAGCATATGCCTTGGAGGAAATGTGCTCAAATTACTAATGATTTAATGTTGTCCCTACT  
TTCTCTCTCTTTTTTCTCTCTTTTTTTTTTTTATTATGGTTAGCTGTCACATACTTTTT  
TTTTTTTGGAGATGGGGTCTTGCTCTGTGACCAGGCTGGAGTGCAGTGGCGCGATCTCGGC  
TCACTGCAACCTCCACATCCCAT

>SEQUENCE:1024:prostate\_MPM2000-004P1Novel007-2-Table2

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TCTGCAGAAATTTGCCCTTTCGAACCGGCCCGGCCAGGTCCCAATATGAAAGTAA  
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>SEQUENCE:1025:prostate\_MPM2000-004P1Novel007-2-Table2

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TCTGTGAATTTACAACACCCAACACCCATGAGTTCAGTCCTTAAGAAGGAAAATCGAGCA  
AGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATCCAGGCTAACTCTAGAAAT  
TTTATTCTCAAACCTTAGTTGGCCTCTTTTTCTTCTGTGAGAGGACCATTTAGTGGCAC  
TGGGGAATCTTGGCACCCAGAAGAATTCAACTGCGCTCACTGCAAAAATACAATGGCCT  
ACATTGGATTTGTAGAGGAGAAAGGAGCCCTGTATTGTGAGCTGTGCTATGAGAAATTCT  
TTGCCCTGAACGTGGTCGATGCCAAAGGAAGATCCTTGAAGAAGTCATCAATGCGTTGA  
AGC

>SEQUENCE:1026:prostate\_MPM2000-004P1Novel007-2-Table2

CTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATAT  
CTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACGCGGGGACATCAATGCAGA  
GTCCCTCTGTGAATTTACAACACCCAACACCCATGAGTTCAGTCCTTAAGAAGGAAAATT  
GAGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATCCAGGCTAACCCTA  
GAAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTTCTTCTGTGAGAGGACCATTTAGT

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GGCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCTCACTGCAAAAATACAAT  
GGCCTACATTGGATCTGTAGAGGAGAAAGGAGCCCTGTATTGTGAGCTGTGCTATGAGAA  
ATTCTTTGCCCTGAATGTGGTCGATGCCAAAGGAAGATCCTTGGAGAAGTCAT

>SEQUENCE:1027:prostate\_MPM2000-004P1Novel007-2-Table2

GCGAATAGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCGCGTGATGGATATCTGCAGA  
ATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACCTACTACTTTGCCTTTTTTATTAACAA  
AATAATATATTTAATTTATGATTCTCCTACTAACTTCCACTTGATTTCACTGGCAAAATG  
GTCACCTTTTTCAAATGACTTACCAATACAAAACTATCCTTTTCAGCTTCAAATATTGGT  
CACAATAATTCTGTAAGCCTCCACTGTAGAAGCAATTTAATTACCTTACAAACAAAAAGC  
ACATTTGAAGTTTAGGTAACATTTCTTTCTCAAAGATAAATGATTCACAAGGAATATAT  
GTAATTATGTAAAAAACAGAAACAAAAACCTCATGTTTCCAGTTGTTAATCGTAAAAA  
CAGAAATCTTAAACACATACATACTCATGAGGAAAAAGGATATGA

>SEQUENCE:1028:prostate\_MPM2000-004P1Novel007-2-Table2

GCGAATTGGAGCTCCACCGCGGTGGCGGCCCGGGGCCATTGAGACTGCCATGGAAGACTT  
GAAAGGTCACGTAGCTGAGACTTCTGGAGAGACCATTCAAGGCTTCTGGCTCTTGACAAA  
GATAGACCACTGGAACAATGAGAAGGAGAGAATTCTACTGGTCACAGACAAGACTCTCTT  
GATCTGCAAATACGACTTCATCATGCTGAGTTGTGTGCAGCTGCAGCGGATTCCTCTGAG  
CGCTGTCTATCGCATCTGCCTGGGCAAGTTCACCTTCCCTGGGATGTCCCTGGACAAGAG  
ACAAGGAGAAGGCCTTAGGATCTACTGGGGGAGTCCGGAGGAGCAGTCTCTTCTGTCCCG  
CTGGAACCCATGGTCCACTGAAGTTCCTTATGCTACTTTCACTGAGCATCCTATGAAATA  
CACCAGTGAGAAATTTCTTGTAATTTGCAAGTTGTCTGGGTTCAT

>SEQUENCE:1029:prostate\_MPM2000-004P1Novel007-2-Table2

GCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGA  
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AGAAATTATAGACCGGCTGACTTAACTATTGCTAAGAAACATGCTTCTTGATTTTCCTTA  
CGTGGTTAAAAAATCTTGGGAGAAAACATGTTTTCTGAAGACATTGAAGTCAGAA  
TTATTTAAACAATTCTATGTCTGTCTCTTACATTATGCAGTTAAGGTCTACCCATTTTCA  
AGAACTCAGAAGAAAGAGGAAGATGTCACATGACACCATGGAAGCCAATCAGCAAAATC  
CAAAATGTAAGACATTCTACAGGACAAATGACTGAAATAAGTGGCAAAGATAAAAAAGG  
GGG

>SEQUENCE:1030:prostate\_MPM2000-004P1Novel007-2-Table2

CTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA  
TATCTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACAAGCTGAGATTGACAGAG  
TGATTGGCCAGGGGCAGCAGCCGAGCACAGCCGCCCGGGAGTCCATGCCCTACACCAATG  
CTGTCATCCATGAGGTGCAGAGAATGGGCAACATCATCCCCCTGAACGTTCCCAGGGAAG  
TGACAGTTGATACCACTTTGGCTGGGTACACAGCCCTCACTTGAAAGATGCTCTCTACGA  
TGTCATCGCTGTGGGAGCCCCAGCTGCCCATTTTTCAGGGATTTAAGAATGGTGGTCTTCG  
GAAGCTACTCCATAGATTTGAAACAGAAAGAAGAAATACCGGATACCAGTTTATTTACTA  
TTCACCTGAAAACACAGCCAAAGCAAAGGAAGTTCTCAGCAACATCAATCAACTACAACC  
TCTTATAGCAACCCATGCAGACCTACTGCTTAATTCTGCAAGCCAGCATTCTTCAGACAG  
CTTGGAGAATTCTTTAAAGAATGCTTTCAAAAAGCAGAGCTTTT

>SEQUENCE:1031:prostate\_MPM2000-004P1Novel007-2-Table2

GAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAAT  
TCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACCTGCGCTGTGGAGTGAAGTGAACCGGTA  
TGGCCAGAACGGCGACTTCACGCGCGCTCTCAAGACCGTCAATAAGATACTACAGATCAA  
CAAAGATGACGTAAGTGCCTGCAATTGTAAAGTGGTATGCCTTATCCAGAATGGAAGTTT  
CAAGGAAGCTTTGAATGCCATCAATACTTACACCAAAGTGTTAGCCAATAACTCTCTCTC  
CTTTGAAAAGGCATATTGCGAGTACTTTNTTTTTTTTTTTTTTTTTTTTTTTGGGTAATAC  
TTTATTTTCTATTGTATTAACGAAAGCCAGGAAAATACCAAGTTATTTAAAGGCAAATC  
TTTACTCCTTAAAGAAAAAATACAAACTGTGGTATT

>SEQUENCE:1032:prostate\_MPM2000-004P1Novel007-2-Table2

ACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
ATGGATATCTGCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACTGCTTGACTCT  
GGTCTTGATGCCCAAAATGGCTAGCGTGCTTGTCTTCCCATGCAGTGGAAGGAAGACAG  
TTAAATGAAATAGTAGTATTAGATATATATGAAAAAGAAAACAGCAAAATAAATTTGAAG  
TTAATGCTTTCGTCTCTTGTAAGGTAAGGCATATACTGCTTGCTTACACAAGAACTATTG



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GCATTTTCTTTTTTTCGTTTGAAACAAATATGAAAAATAGTATTTTGGTTTTAAGAAATT  
TTTATTTTAGCATACAACATATAACTGACATTTGT

>SEQUENCE:1033:prostate\_MPM2000-004P1Novel007-2-Table2

GAATTGGGCCCTCTAGATGCTTGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAAT  
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TTTTCAAACCACTGATCACATGCCAAGTAAAAAACCAATTGCCTTCTGGCCCCAAATCAG  
ATGTATGGTCTCTTGGGAATCATTTTATTTGAGCTCTGTGTGGGAAGAAAATTATTTTCAG  
AGCTTGGATATTTCTGAAAGACTAAAATTTTTGCTTACTTTGGATTGTGTAGATGACACT  
TTAATAGTTCTGGCTGAAGAGCATGGTTGTTTGGACATTATAAAGGAGCTTCCTGAAACT  
GTGATAGATCTTTTGAATAAGTGCCTTACCTTCCATCCTTCTAAGAGGCCAACCCAGAT  
GAATTAATGAAGGACAAA

>SEQUENCE:1034:prostate\_MPM2000-004P1Novel007-2-Table2

AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGC  
AGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACGCGGGGAAGTGCACGTCTCCCGTTT  
TCTTTTCACATCAATGCAGAGTCCCTCTGTGAATTTACAACACCCAACACCCATGAGTTC  
AGTCCTTAAGAAGGAAAATTGGAGCAGGTATTTAATTGGTTGGACATTGCATAAAAGAGG  
TCCATATCCAGGCTAACTCTAGAAATTTTATTCTCAAGCTTAGTTGGCCTCTTTTTCTTC  
TCTCAGAGGGCCATTCTTAGTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTG  
CGCTCACTGCAAAAATACAATGGCCTACATTGGATTGTAGAGGAGAAAGGAGCCCTGTA  
TTGTGAGCTGTGCTATGAGAAAT

>SEQUENCE:1035:prostate\_MPM2000-004P1Novel007-2-Table2

AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGC  
AGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACTTTTTTTTTTTTTTTTGGTGGGGG  
GCACACCAACCATCCAAAAAAGTTGCTTCTGTTTTTACTGTAGTTCAATTACAGGAGTTG  
GGTTTTCCACTTTTTAAAGGGCATGGCTTTTATTTCTAACTTCTGATTTTTTTCTAATTT  
ACCTAAATCTTTATTTTACTTAAATAATGTTAAAAGTGTGCTTCATCAGCCAGTGTG  
TCATGCTGCAGATGTTCTTTTGGTTCATTAGAAGAAAATCTTAAGAAGAGCTTCAGAAAG  
TTGATTTTTTAAAAAAGAAAGAAAAGTGGCTCGCCGTTTGTGTTTCATAAAATGGACCCAA  
ATTTTTATTAATTCCTACTGAAAGTATTTGTGGTGGCCCGGTAAACTTT

>SEQUENCE:1036:prostate\_MPM2000-004P1Novel007-2-Table2

AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGC  
AGAATTCGCCCTTTAGCGGCCGCCCGGGCAGGTACCTTCAGCTCAGGCTTTTCATCGGGTCA  
TAATGGGCTACTAGTTCTCCGATGGGGGTTTTGAACATATCACCTGCTTTTTGAAATTAA  
ACATTATCTCTAACATTTTTTCTTTCTTTCTTCACTCATTCACTTATTCATCATGAAA  
TATTTATTAAACATATGTCATGTGCCAGGTAAAAGAAGTGTGGTTCCCTCCCTTGAGGAT  
CTCAGAGTTCAGCAAAGGTATAACCCTGATGTTTACAGCAAAGACATAGCTGTTATAACA  
AGGAATGTATTCCGGATGTCCTGGTGTGGGGAAAAGCAAGAGAGATCAGATTGTTACTGT  
GTCTGTGTGGAAAGAGGTAGACATAGGAGACTCCATTTTGCTCTGTACC

>SEQUENCE:1037:prostate\_MPM2000-004P1Novel007-2-Table2

GCGAATTGGAGCTCCACCGCGGTGGCGGCCGCCCGGGCAGGTACATTGTAGGATGCTTAC  
CAGATCCTGCCCACTAGAGGCCAATAGCACCTCATCATAGCACCCCTTCCCTCAGTG  
ATAATAAAAAATGTCTCCAGACATTGTTTAAGTTAATAAATGTGCCAGAGCCCAGGCAC  
AGTGGCTCAGGCCTGTGATTTTAGCTCTTTGGGAGACCGAGGTGGGTGGATCACTTGAGG  
CCAGGAGTTCCTAGAACGTTCTCTGTCAAAAGACAAAATTACAACAATTTAAATCTAA  
TTGGCTGTTATTGGCCATTCTAGAATTGGTTGACATCTCATTCTATGAAATACAATGAGT  
GCTCTTCAATAAGCTGAGCAGAGGGGGGTTAGCTTTATTGGCAGAAAAGGGCTAAAGAAA  
ACAGAAAAAGAACAAAAAGTGATTGGTTGTTTCAGAGTTACTTTCCTTAA

>SEQUENCE:1038:prostate\_MPM2000-004P1Novel007-2-Table2

TACACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGA  
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CCTTGCCCTGGGCCTAGCCCAGCTCCAGCACTTCTTTGCCAGTGGCCCACTGTTTAATC  
CACTGGCAGAAGTAAGCAGCACAATCTATGACCACAGAACAGATGGAGTCAGCCTAGCAC  
GCCCATGATATCACACATATGGTCATGACCTTGCTAGCGCAGAGCACTCTTTCAATCTCA  
GCTAACTGAATAGTTACCAGATAGAAGAAAAGGAAACTACCTACAAAATAAAAAATAAAT  
GTCATAAAATTCTTGACGCGGGGGCGGTGCGGGCGGACCACTGCAGACTGAGCGGTGGAC  
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>SEQUENCE:1039:prostate\_MPM2000-004P1Novel007-2-Table2

GGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAG  
AATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACTTCCAAACCCTCCTGTTCTTTCCTTTT  
TGTTTTCCCCAATTTTAACATAAGGCAAAAGCAGTAATTGAGCAATTCTATCACCTGGAT  
TGGCACTCCGGGGAACAGTGGAGCTGATCACTAACTGAATCCCCCTTTATAATCTGAAT  
AAATTACCCCAGTATGAATTTGGACTCCCTTCAAATTTAGACTTGATCTCCCTCAAAGGC  
CTACCCTCCCTTCTGGCAGCGGCCATGTACCCCTCTAGGAATCTTTTGTGGGGGGCTTTCC  
AGGGAGTAAAAAGACCATTTGGGTGGAACATAAATCTACTGCGGTGCTGCCTGCTGTGGC  
GCGGGACAGCTGTTGGATTGTTGTAATTGGCTGACTCC

>SEQUENCE:1040:prostate\_MPM2000-004P1Novel007-2-Table2

AATAGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATT  
CGCCCTTAGCGTGGTCGCGGCCGAGGTACATGGGCAATGCTGGACGTAAAGAAAGAAGTG  
ATGCACTCAATTCTGCAATAGATAAAATGACCATGAAGACCAGGGACTTGCGTAGACAGC  
TCCCCAAAAGC

>SEQUENCE:1041:prostate\_MPM2000-004P1Novel007-2-Table2

CCTCTAGATGCAAGTGCGAGACGGCCGCCCTGTGATGGATATCTGCAGAATTTTTCCTTA  
GCGTGGTCGCGGTTTATGTACCAGATTTTATGAAACCCTAAAGAAGACTGCTGGGCCATG  
AGTTGCTTCCTCCTCCTCCACCTTAACCCTCTGATTCCAGAATTGCAGTCATTTCTTCTG  
CCAAGGAAATCCATTAAAAACTGCAGCCACACTGCAATTTCTAATGTAGAACAAGATAT  
AAAGCAGGCTTTGAGACAACAACCTACCTTTGTTTACTCTTTCCAAGCTGGAAGAGTCCT  
TCTCCTCTAGTTGCTCCTAGGTCACTGGCTAATTTATTTTAAAATTTGGATGGAACATCAT  
GTATAGTTAAGTGACAAATCTTAGCCGTGCAGATGGGTAATTTTCACATAGCTATTTGC  
CCACATCCGTGCCTCTAAGATAGAGACATACACTGTTTTTCAGCACCCCAAGTTCCCA  
CATGCCCATGGTGCCATTTTGCAGAAAGGTATTTATAAGGCCCTTCAAATTTGTGGCTTCC  
TTTCTCATACTTCTCANGTATAATGAAAGGGGGAGAAAAACCCCAACATCAACACAAAAC  
AAGGCTATAAAGACTGTGCACCTTTTACAAGTCAATTTGTAGTCAGTCCCTGGGCCTGT  
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>SEQUENCE:1042:prostate\_MPM2000-004P1Novel007-2-Table2

ATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTC  
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TCATAAGTGTAATTGACCATACTTGAATATGTTTAAGTTTATAAGTAACATCAGGTGTTA  
TGAAATTAATATAAATAAGATGTTTTTGTAAGTTTTATTTTGAAATAAGTTTAGATTCA  
CAAAATCTTACCAAAATATTCCAGAGTTCTTGCCCTTAACCCAGCTTCTTCCAAAGATAA  
CAACTTACATAAGCATAGTTCATTACCAAATACAGGAAAGTGAAATTGTTACAATACTGT  
TAACTACAGAATTTATTTGGAAATCACCAGTTTTAACATGCATGCATTTTGTGTTT  
TTATATGTAGCTTTAAGAAATCTTAACACATATATTGATTCATGTTACCACCA

>SEQUENCE:1043:prostate\_MPM2000-004P1Novel007-2-Table2

TTGGGCCCTCAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGC  
CCTTTCGAGCGGCCGCCCGGGCAGGTACGCGGGGACATCAATGCAGAGTCCCTCTGTGAA  
TTACAACACCCAACACCCATGAGTTCAGTCCTTAAGAAGGAAAATTGAGCAAGTATTTA  
ATTGGTTGGACATTGCATAAAAGAGGTCCATATCCAGGCTGACTCTAGAAATTTTATTCT  
CAAACCTAGTTGGCCTCTTTTCTTCTGTGAGAGGACCATTTAGTGGCACTGGGGAAA  
TCTTGGCACCCAGAAGAATTCAACTGCGCTCACTGCAAAAATACAATGGCCTACATTGGA  
TTTGTAGAGGAGAAAGGAGCCCTGTATTGTGAGCTGTGCTATGAGAAATCTTTGCCCT  
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>SEQUENCE:1044:prostate\_MPM2000-004P1Novel007-2-Table2

CCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTT  
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GGAGCCAAGTTCTTTCTCTCCCATGACTTTTCAGTTATGCCATCATTTTATTCAAAAAT  
TTTTAGTTTGCTCTGATCTAACTCTTCCCTGGGAAACTTGGGGTTATATTTCCATAGAA  
TTCTGTCTTGCTCTTAATAAATTCAAAATCTTTGGAAAAGATGCATTTTCAGAGGATTAT  
TCTTATGACCAGTTATGCTTTATAAAAATTAAGTCTTAATTAATAATGCACTTATATTTA  
ATGCATTAGTGGGTAGATTTTGTGTTTGAAGTAAATCTTTATTAGAATCTATTTGTAAC  
GGATATTTTGTAAATTATGGGCTCACACATATTTACTCTTGGGTACCTGCCCGGGCG

>SEQUENCE:1045:prostate\_MPM2000-004P1Novel007-2-Table2

ATACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGT

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GATGGATATCTGCAGAATTCGCCCTTAACGGGGTTCGCGGCCGAAGTACTTTAATTTATTT  
CCCCTTTCTAGTGTATTAAGAAATGACATGCACTTTAATTTGCCAAAAGTAATGCTTGTA  
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>SEQUENCE:1046:prostate\_MPM2000-004P1Novel007-2-Table2  
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AGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACCACAAAACCCAACAGACCATTG  
AAATAGGTTACCTCAACCAGTAAAGCCCTTAACATCTACGGAAAACGGGTAACTTTAAG  
ATATATCAGAGCTGTATTATAATAAATCCATGGGGATGGGCTTCAAAATTTTATAAGAT  
ACATATGACCATAAACTATATATAATAAACTTGTGTGAACATGTAGAAATGAGAAAATAC  
TACTACCATTAAACAAGGTAGCACTAAAAGTTGATTTAAGTTCAAAAATCAAAGTAGTTT  
GAGATATTGGACTGGCTATATTTTTTAAAAGGGGACATTAGAAGAACTAGAATATCTC  
TTCTAATAATGCTTTAAAGACATGGTATTTAAATATACAAATACAAAGCCACATCAAAA  
>SEQUENCE:1047:prostate\_MPM2000-004P1Novel007-2-Table2  
GGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAG  
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AATTACATTCTGTGTCTGCTGCTGACTGTATGGCTGTTTCAACTTTCTGGATTGCTCAT  
CCCAACAATAATCCTGATTAAATAATGCAGCTGCAGGCTCACAGGATGCTGGAATATGGT  
ATTTATTCCACAAGGAACCAACTGGGGAATCCAGTGGATTGCAGCTCTTGGCAAAACCAAG  
AACTCACTCCATTGGGTATATTTTATAACAACAGGGTCCATTCAAATTTTAAGGTTGGCT  
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TCTGTTTGGACAATAGTGCAAGATTTTCGACCT  
>SEQUENCE:1048:prostate\_MPM2000-004P1Novel007-2-Table2  
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CAGTAATCATCTGCATTTAGATGGCGAAGGGAGCCATGACAGGGGCTGAAATGGCCCAGC  
AGAATAAATCAAACCATGAGAAACACATACATTTAAGAATAAGGAGATGTGGTCAGGCG  
CGGTGGCTCACACCTGTAATCCCATCACTTTGGGAGGCCGAGGCGGGTGGATCACTTGAG  
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GAACCTAGCTGGGTGTGGTGGTGCCTGCCTATAGTCCC  
>SEQUENCE:1049:prostate\_MPM2000-004P1Novel007-2-Table2  
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GAGGGCTCTGTGCTTGTGACCTAATCACCTGGTAATATCACATATGTATGGTGGGGGCTA  
CACAAACATTGAGACCATAGCAGTGGCATTTTAATGGATGTCAGCCTCTTGAGAGTTTGA  
ATAGTGTCAGTGTTAGGTTGAGTTTCTAACCTGCAAAGGCCAGGGCTACCTCTTGGAGC  
CTAAGGACCCTACAGAGGTTTTTCTACTTCTAAAGACCTTTGACAGCAAGTGATGTTTT  
GCTTGCTTCTGCTAGATCCTGTGGCATTCTAACTTATCTTTCTTAGCAAACAAAAACTAC  
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>SEQUENCE:1050:prostate\_MPM2000-004P1Novel007-2-Table2  
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ATGCCTGTAGTCCCAGCTACTCGGGAGGCTGATGAACAAGAATCACTTGAACCTGGGAGG  
AGGAGGTTGCAGTGAGCTGAGATCGTGCCACTGCACTCCAGCCTGAGCGACAGAGCAAGA  
CTGTCTCAAAAAAATAAAAAAGAAAAAATAATAAAAGGAAAAACAAAGCCTTTAGAAAA  
ACAAAGCCTTTGAAAAAGGATGTAAAATTGAATATATAGATACAATTATTTTTAAAAAGT  
TTTATAGAAAAATATCCTGGATTGTTGATGTTGTTTTAATATATTTTAAATCATTTTTGTA  
TAATGTCATGTATAATATGTTATAATGAAAGTAAAAAAG  
>SEQUENCE:1051:prostate\_MPM2000-004P1Novel007-2-Table2  
ACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGG  
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CTAAGCCCCTGTTAATATAGACGCAGACCAATTGTTAGGAACAGGTCCAAATTGGAGCA  
CCATTAACCAACAATCAGTGATGCAGAATGAGGCTATTGAACAAGTAAGGGCTATTTGCC  
TCAGGGCCTGGGGAAAAATTCAGGACCCAGGAACAGCTTTCCCTATTAATTCAATTAGAC  
AAGGCTCTAAAGAGCCATATCCTGACTTTGTGGCAAGATTACAAGATGCTGCTCAAAAGT  
CTATTACAGATGACAATGCCCGAAAAGTTATTGTAGAATTAATGGCCTATGAAAATGCAA  
ATCCAGAATGTCAGTCGGCCATAAAGCCATT



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&gt;SEQUENCE:1052:prostate\_MPM2000-004P1Novel007-2-Table2

CACTATAGGGCGAATTGGGCCCTCTGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATA  
TCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACTTGCTACCACGTGGCTTT  
TTCCAGGGAAAGTATTAATTTTTGTTTGACAAAACACCTTGATAGGTCATGGTTCTGCA  
AGGCAGAGATGTTGAAACAAAGAAAGCTTAAGTGTGCAAATAATAAAAAAGTTGGAGTT  
TCCTTTGAGCTAAAAGCTAAAGGTGGGCAAAAGGAGGAAAAAGGTTTCAA

&gt;SEQUENCE:1053:prostate\_MPM2000-004P1Novel007-2-Table2

TGGGCCCTTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGTGTTATCTGCAGAATTTGC  
CCTTAGCGTTTTTCGCGGCCGAGGTACCAGTTGTAAAATTACCAGGAACCGCCATGCCTCA  
AGATCGCCCTGTTTTCTGGCTTCATCAATGACTGCATGCAGTGCACCACCCTGTCCACTA  
CGTGATGCTGTAGGATTAAGTCTCACAGTGGGCGGCTGAGGATACAGCGCCGCGTCCTGT  
GTTGCTGGTGAATTAGACGCCATCGCTGTGGGTTGCTGGTATGGTGCCGTGCTATTTGGC  
ACAGGACACACCGCTTGAGGTCTGTATTGAACCTCTGAAGGAGGCCGATACTGAAGCTCG  
GTTGGCAGCCGGTATTGATAAACTACCAGCGGTCGGGTCTTATTTTCTACCGGCTAATAT  
TGTGGAT

&gt;SEQUENCE:1054:prostate\_MPM2000-004P1Novel007-2-Table2

GACTTCTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATG  
GATATCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACACCAATCAAACATAG  
TGTGTCCAGAATTGGTGGGTTCTTGGTCTCACTGACTTCAAGAACGAAGCTGCGGACCCT  
CACGGTGATTCTAAGCACATTAAATCTGGATGACACTTATCTGAATCATTTTCGCAACTT  
GGAGAGAGATGGAGAAGACACGCATGGTGTAACTGGGCATCACCAGAATGTGCACTGCCA  
TCTGTGGCTGTCTTCCTGCTGGCAATCCTTTTCATTCCAAGCAAATAAGATTCCCTAAAT  
TAGACAAAAGGAAGAAACACAACAGAGTCCATAATTCTGAGAGGAAGAGAAGAGTGATC  
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&gt;SEQUENCE:1055:prostate\_MPM2000-004P1Novel007-2-Table2

TGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGC  
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AGATCGCCCTGTTTTCTGGCTTCATCAATGACTGCATGCAGTGCACCACCCTGTCCACTA  
CGTGATGCTGTAGGATTAAGTCTCACAGTGGGCGGCTGAGGATACAGCGCCGCGTCCTGT  
GTTGCTGGTGAATTAGACGCCATCGCTGGGGGTTGCTGGTATGGAGCCGTGCTATTTGGC  
ACAGGACACACCCGTTTGAGGTCTGTATTGAACC

&gt;SEQUENCE:1056:prostate\_MPM2000-004P1Novel007-2-Table2

ACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATG  
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TGGTATTTCTTTTAATTGCATTGTTGTCTAACAACAATAATACTCATTGGCAAGAAAT  
TTATTTACACTTACAAATTAAATTTAATCACAAAGTATTGTTAGAATTGGTCAGAAAACCA  
AAAGACCACTGTGATATTTTGCTTGAATGCCTCTGAAAACCAAAGAGTAAGGAATGTCAT  
TTGAAACTTTTTGAACCAATCTAGAGAAGTACAACCGTTTGGGGGCAACTGAATTGTGCC  
CTGTGTAACACTCCGGTTAAGAGCGAGCTCCTGTGGCAGACTCACGTCCTGGGAAAGCAG  
CACCGAGAGAAAGTGGC

&gt;SEQUENCE:1057:prostate\_MPM2000-004P1Novel007-2-Table2

TATAGGGCGAATTGGAGCTCCACCGCGGTGGCGTCCAGAAAATCCTGGCGTCTTTTCTGA  
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GTGAACTGATGAAGTTCTTGGTTAAATTTAGAAAAGATTTGGCCTTGAGAGCTGAATTTG  
AAAACCAGGTCGTTGTGATGTAGAAAATTGTTTCATGCGCTGGTTGGAGATTTTGCTAAGG  
TTGAACACTGCTTTCAGGTATGAGTCCAGGGTACCTCGGCCGCTCTAGAACTAGTGGATC  
CCCCGGGCTGCAGGAATTCGATATCAAGCTTATCGATACCGTCGACCTCGAGGGGGGGGCC  
CGGTACCCAGCTTTTGTTCCTTTAGTGAGGGTTAATTGCGCGCTTGGCGTAATCATGGT  
CATAGCTGTTTCCTGTGTGAAATT

&gt;SEQUENCE:1058:prostate\_MPM2000-004P1Novel007-2-Table2

CTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATAT  
CTGCAGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACGAAAAAATCAGGCTACTAAGC  
CACTGTTAATATAGACGCAGACCAATTGTTAGGAACAGGTCCAAATTGGAGCACCATTA  
ACCAACAATCAGTGATGCAGAATGAGGCTATTGAACAAGTAAGGGCTATTTGCCTCAGGG  
CCTGGGGAAAAATTCAGGACCCAGGAACAACCTTCCCTATTAATTCAATTAGACAAGGCT  
CTAAAGAGCCATATCCTGACTTTGTGGCAAGATTACAAGATGCTGCTCANAAGTCTATTA

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CAGATGACAATGCCCCGAAAAGTTATTGTAGAATTAATGGCCTATGAAAATGCAAATCCAG  
AATGTCAGTCGGCCATAAAGCCATTAAAAGGAAAAGTTCCAGCAGGAGTTGATGTAATTA  
CAGAATATGTGAAGGCTTGTGATGGGATTGGAGGAGCCATGCATAAGGCAATGCTAATGG  
CTCAAGGCATGAGGGGGCTCACTCTAGGAGGACAAGTTAAAACATTTGGGAAAAAATG

>SEQUENCE:1059:prostate\_MPM2000-004P1Novel007-2-Table2

CTCTAGATGCTTGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTTTC  
GAGCGGCCGCCCCGGGCAGGTACTGCTGACTTAAATAGAGGTTTTTTTAAGGTATTGGGTC  
AGCTAACAGAGACTGGAGTTGTCAGCCCTGAACAATTTATGAAATCTTTTGAGCATATGA  
AGAAATCTGGGGATTATTATGTTACAGTTGTAGAAGATGTGACTCTAGGACAGATTGTTG  
CTACGGCAACTCTGATTATAGAACATAAATTCATCCATTCTGTGCTAAGAGAGGAAGAG  
TAGAAGATGTTGTTGTTAGTGATGAATGCAGAGGAAAGCAGCTTGGCAAATTGTTATTAT  
CAACCCTTACTTTGCTAAGCAAGAACTGAACTGTTACAAGATTACCCTTGAATGTCTAC  
CACAAAATGTTGGTTTCTATAAAAAGTTTGGATATACTGTATCTGAAGAAAACACTACATGT  
GTCGGAGGTTTCTAAAGTAAAAATCTTGTAAGAAAATTGTCAAAGGGGGCTAATGCTACAA  
GGCTACACTCTTCCTAGAGTTGAAATATTTTGTTGCTGCAGCCGAGTGACCTCCATAAAT  
ACTGGACTGAAAAAACATTGTAATACTACAAGTATAATGACATTTAGAAGATTACTTTGG  
GCTGGTGGGACATGCTGTGAATTTAGATTACAAATGAATATTATAAAGGGGATGA

>SEQUENCE:1060:prostate\_MPM2000-004P1Novel007-2-Table2

CTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA  
TATCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACATATAATTATCTGCTA  
TATATTATGCATATGTAATACATATGCACCTGTGTAAGTTGGAATTCTTATCTATTCTAT  
AGAAAGAAAAGTTCTACATTGAAATATAGCCAACATCCAGTTAACTCTGAAAAAAAATCA  
CATCATTGCTTGGCTTTTTCTGTTGTTACTTCCTGTTGGCCTAGTGGCAATGATTCATTA  
TAATGCAATGTAATTCAATATCACATGGTGAATTTAAATGGCTGTATAGGAAATCTGTAA  
CACTGTTCTTGCTTAAAAATGTAAACTTCAATAGAAGGCGGTTTCATCAGAGAATTTGGT  
AACACCAAATAGTAAACGCTTTGATTTCAAGTA

>SEQUENCE:1061:prostate\_MPM2000-004P1Novel007-2-Table2

ATGGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTC  
GCCCTTAGCGTGGTCGCGGCCGAGGTACCTTGGTGGAAAGCTCTATTCCATGTGGGATTGG  
AACAAATATTTTCATGGAGAGCATGTGACCATCTGCGTTGTATAGCCTGTGATTTCTTGGT  
AGTCAGCTATGATGACTATATGTGGGACAAATCGTGTGATTATCTGTTTTTTCAGGAACAA  
CATGCCAGAATTTACAAATTAAGCAAGTTGATAAAGAAGAAAGGAACACGGGCATA  
TGCCTGCCAGTGTAGCTGGAGAAGTGTGAAGAAGTGACTGACCTTCATACAGATCATCA  
GCTTCGCTGGGTTTGTGGTAAACATTAAGAATGCAGACTGCACATTCGGACAGATGCATC  
CATGAGAGTGGTCTCCATGAATCATCATCATGTTTATAGACAATAGTCCC

>SEQUENCE:1062:prostate\_MPM2000-004P1Novel007-2-Table2

ACGACTCACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
ATGGATATCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACTTTCCACTGCA  
CAGAAGCCTGNGGATTCTTATTGTTTTGATATTTAAAATTGAATCTGGCCGGGGCGTGGT  
GGCTCATGCCTGAATCCCAACACTTTGGGAGGCTGAGGAGGGTGGATCACCTGAGGTCAG  
GACCAGCCTGGCCAACATGGTGAACCCTGCCTCTACTAAAAATACAAAATTAGCCAGGA  
GTTGTGTGCCGTAATCCCAGCTACCTGGGAGGCTGAGGTAGGAGAATTGCTTGAACCTGG  
GAGCTGGAGGTTCCAGTGAGCCGAGATCGCACCCTGCACTCCAGCCTAGGCAACAGAGT  
GAGACCCCATCTCANAAAAAAAATTGAATCTATCTCAATAGAGAACAGGTGAACTAGC  
CCTCCTAACCGGACCATGCACAAGACAAGAAATTCTAGCCTTTTTTTCCCCTTCCAAGGT  
GCAAGTGAAGACATAAGCCACACTGTATTCTGCCTNCAATGATTACACACTT

>SEQUENCE:1063:prostate\_MPM2000-004P1Novel007-2-Table2

TACGACTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTG  
ATGGATATCTGCAGAATTCGCCCTTTCGAGCGGCCGCCCGGGCAGGTACGCGGGGACATC  
AATGCAGAGTCCCTCTGTGAATTTACAACACCCCAACACCCCATGAGTTCAGTCCTTAAGAA  
GGAAAATTGAGCAAGTATTTAATTGGTTGGACATTGCATAAAAGAGGTCCATATCCGGGC  
TAACTCTAGAAATTTTATTCTCAAACCTTAGTTGGCCTCTTTTTCTTCTGTCAGAGGACCA  
TTCTTAGTGGCACTGGGGAAATCTTGGCACCCAGAAGAATTCAACTGCGCTCACTGCAAA  
AATACAATGGCCTACATTGGATTTGTAGAGGAGAAAGGAGCCCTGTATTGTGAGCTGTGC  
TATGAGAAATTCTTTGCCCTGAATGTGGTCTGA

>SEQUENCE:1064:prostate\_MPM2000-004P1Novel007-2-Table2

Table 7  
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ATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCT  
GCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTCACTCTATAAATAAACACATCAA  
TTTTGCTCTATTACTACTCTTCCAAAAACGTCTCATATAATTGGAATTAACCTAGCATTT  
ACTTATCATTAAATATATTTTTTTTTTTGTTAGAAAGGATATACCAGCATA

>SEQUENCE:1065:prostate\_MPM2000-004P1Novel007-2-Table2

TATAGGGCGAATTGGGCCCTTCTATTATGCATGCTCGAGCGGCCGCCAGTGTGATGGATAT  
CTGCAGAATTCGCCCTTTCAAGCGGCCGTCGCGGGCAGGACATCTACCTAAAGGACTATTA  
TGTGGAATAATACATACTAATGAAGTATTACATGATTTAAAGACTACAATAAAACCAAAC  
ATGCTTATAACATTAAGAAAAACAATAAAGATACATGATTGAAACCAAGTTGAAAAATAG  
CATATGCCTTGGAGGAAATGTGCTCAAATTACTAATGATTTANGTGTGTCCCTACTTTC  
TCTCTCTTTTTCTTTCTTTTTTTTTTATTATGGTTAGCTGGGACTAGNAGGAACGTGCCA  
CCATGACTGGCTAATTTTTCTGTATTTTTTAGTAGAGACANGAGTTTCACCATGTTGGCC

>SEQUENCE:1066:prostate\_MPM2000-004P1Novel007-2-Table2

AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGC  
AGAATTCGCCCTTAGCGTGGTCGCGGCCGAGGTACCCTTTCCAAGGTGACCTTCAGGGGG  
ATTAACCTTCCTAGCTCAAGCAAGGAGCTAAAAGGAGCCTTATGCATGATCTTCCCACAT  
ATCAAAATAACTAAAAGGCACTGAGTTTGGCATTCTTCTGCCTGCTCTGCTAAGACCTTT  
TTTTTTTTTTTACTTTTATTATAACATATTATACATGACATTATACAAAAATGATTA  
ATATATTAACAACATAACAATCCAGGATATTTTTCTATAAACTTTTTAAAAATAATT  
GTATCTATATATTCAATTTTACATCCTTTTTCAAAGGCTTTGTTTTCTAAAGGCTTTGT  
TTTCCTTTTTATTATATTTTTCTTTTTTA

>SEQUENCE:1067:prostate\_MPM2000-004P1Novel007-2-Table2

AGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGC  
AGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTATGAAAAAATCAGGCTACTAAGCCC  
ACTGTTAATATAGACGCAGACCAATTGTTAGGAACAGGTCCAAATTGGAGCACCATTAA  
CAACAATCAGTGATGCAGAATGAGGCTATTGAACAAGTAAGGGCTATTTGCCTCAGGGCC  
TGGGGAAAAATTCAAGGACCCAGGAACAGCTTTCCCTATTAATTCAATTAGACAAGGCTCT  
AAAGAGCCATATCCTGACTTTGTGGCAAGATTACAAGATGCTGCTCAAAAGTCTATTTAC  
AGATGACAATGCCCGAA

>SEQUENCE:1068:prostate\_MPM2000-004P1Novel007-2-Table2

CATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCGCCCTTTTCGAGCGGCCG  
CCCGGGCAGGTACGCGGGGACATCAATGCAGAGTCCCTCTGTGAATTTACAACACCCAAC  
ACCCATGAGTTCAGTCCTTAAGAAGGAAAATTGAGCAAGTATTTAATTGGTTGGACATTG  
CATAAAAGAGGGCCCATATCCAGGCTAACTCTAGAAATTTTATTCTCAAACCTTAGTTGGCC  
TCTTTTTCTTCTGTCGGAGGACCATTCTTAGTGCACTGGGGAAATCTTGGCACCCAGAA  
GAATTCAACTGCGCTCACTGCAAAAATACAATGGCCTACATTGGATTTGTAGAGGAGAAA  
GGAGCCCTGTATTGCGAGCTGTGCTATGAGAAATCTTTGCCCTGAATGTGGGCGATG

>SEQUENCE:1069:prostate\_MPM2000-004P1Novel007-2-Table2

ATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTC  
GCCCTTAGCGTGGTCGCGGCCGAGGTACCAGTTGTAAAATTACCAGGAACCGCCATGCCT  
CAAGATCGCCCTGTTTTCTGGCTTCATCAATGACTGCATGCAGTGCACCACCCTGTCCAC  
TACGTGATGCTGTAGGATTAAGTCTCACAGTGGGCGGCTGAGGATACAGTGCCGCGTCCT  
GTGTTGCTGGTGAATTAGACGCCATCGCTGTGGGTTGCTGGAATGGTGCCGTGCTATTTG  
GCACAGGACACACCGTTTGAGGTCTGTATTGAACCTCTGAAGGAGGCCGATACTGAAGCT  
CGGTTGGCAGCCGGTATTGATAAACTACCAGCGGTTGGGTCTTATTTTCTACCGGCTGAT  
CTTGTGGATACTGTATCTGACTTGGCATTGCCGGGATAGAGAC

>SEQUENCE:1070:prostate\_MPM2000-004P1Novel007-2-Table2

CTACTATAGGGCGAATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGA  
TATCTGCAGAATTCGCCCTTTTCGAGCGGCCGCCCGGGCAGGTACTCTGGCAATTCACCTT  
TCAATTCAAATATTCTGTAGAGAACGCTTCCTCTGAGAAGCCACTGGATGTCTGTATGGT  
GCAGGAGGTTTATGTGCTGCCTGTCCAGGTTTTTGTGTTGGGTGTTTTTTTTTTTAAAC  
ATTTTTGCATAAATGGGTCTTTGATACAGGTAACCAGTTTTTGTAAACATTATTCAGAACTT  
CACTGTATCTTCAAGTTTTTGATATCAGCATCTCTGTGGAGAAAGCAGTGTGCTATAATG  
TCAACATCAGGATTTCTTTTTTTTTTAATAACGCAAAATGACTTATGGAGACAACCACTG  
ATGGGGCACCAGGAGTGTAGATTCCAGACCTCTGGTTATCAGATATGATGT

>SEQUENCE:1071:prostate\_MPM2000-004P1Novel007-2-Table2